

CENSUS OF MANUFACTURES: 1925

INTRODUCTION

This report summarizes, by industries and industry groups, the statistics compiled from the data collected at the third biennial census of manufactures, which covered the operations of manufacturing establishments during the calendar year 1925. Summaries for individual manufacturing industries have already been issued as preliminary reports, in the form of press releases. Detailed statistics for the more important industries are being published as printed pamphlets, the contents of which, together with additional statistical material, will ultimately be assembled and published in a single volume.

Practically all the statistical items in this report will appear unchanged in the complete report, but it is possible that a few slight and unimportant adjustments will be made in the process of final verification.

Aggregate value of products.--The value of products (at factory prices) of manufacturing establishments in the United States in 1925 aggregated \$62,713,714,000. This aggregate represents an increase of 4 per cent as compared with \$60,258,471,000 in 1923 and an increase of 44.4 per cent as compared with \$43,427,224,000 in 1921. (See table on p. 7.)

Duplication in cost of materials and value of products.--In making use of the statistics for cost of materials and value of products it must be remembered that they include a large amount of duplication due to the use of the products of certain establishments as materials by others. This duplication occurs not only between different industries but between different establishments in the same industry. For example, in the slaughtering and meat-packing industry certain packing establishments purchase fresh meat from slaughterhouses for use as their materials. The total value of products reported for the industry, therefore, includes the factory value of all finished products and in addition includes the value of products which pass through further manufacturing processes in other establishments. The same is true on a much broader scale as between different industries. To illustrate: Copper ingots made in the copper smelting and refining industry are sold to copper-rolling mills, which roll them into rods. The rods are sold to copper-wire mills, which draw them into wire. Wire made by these mills is sold to establishments in the "electrical machinery, apparatus, and supplies," industry, which use it in the manufacture of ignition apparatus for internal-combustion engines. These establishments sell the ignition apparatus to manufacturers of automobile engines. The engines in turn are sold to automobile manufacturers, who install them in complete automobiles. The value of the automobiles as reported by the automobile manufacturers includes, of course, the value of the engines; similarly, the value of the engines includes the value of the ignition apparatus, and so on. Thus, in the combined value of products as reported by the copper smelters and refiners, the rod mills, the wire mills, the manufacturers of ignition apparatus, the engine manufacturers, and the automobile manufacturers, the value of the copper ingots is included six times, of the rods five times, of the wire four times, of the ignition apparatus three times, and of the engines twice; and corresponding duplications occur in the aggregate cost of materials.

As a result of this large but indeterminable amount of duplication, the aggregate value of the products of all manufacturing establishments is much in excess of the aggregate value of manufactured products in the form in which they reach-

the ultimate consumer. A very much better measure of the actual value created by manufacturing processes is the "value added by manufacture," namely, the difference between the cost of materials (including fuel, mill supplies, containers sold with products, etc.) and the factory value of the finished products. This aggregated \$26,778,000,000 in 1925, an increase of 3.9 per cent as compared with \$25,777,610,000 in 1923, and of 46.5 per cent over \$18,272,417,000 in 1921.

Effect of changes in prices.—The average prices of manufactured commodities taken as a whole increased greatly between 1914 and 1919, declined considerably between 1919 and 1921, increased materially between 1921 and 1923, and increased slightly between 1923 and 1925. For this reason neither the value of products nor the value added by manufacture affords a correct index of the actual increase or decrease in manufacturing activities from census to census. (See "Aggregate value of products," p. 5.)

Number of wage earners as a standard of measurement.—A far better standard by which to measure growth or decline in manufacturing industry is found in the average number of wage earners; but it must be remembered that, on the one hand, in some industries mechanical processes have displaced hand labor to such an extent as to make possible a marked increase in production with no increase in the number of wage earners, while, on the other hand, there has been, since 1914, considerable decrease in the average length of the working day.

SUMMARY FOR THE UNITED STATES

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COMBINED GENERAL STATISTICS FOR ALL MANUFACTURING INDUSTRIES: 1914 TO 1925.

[No data for establishments reporting products under \$5,000 in value are included in the figures for 1925, 1922, or 1921. For 1919 and 1914 data for such establishments have been eliminated from certain of the items shown, as follows: For 1919—Number of establishments, 46,215; wage earners (average number), 11,252; cost of materials, \$15,632,000; value added by manufacture, \$16,403,000. For 1914—Number of establishm ents, 34,403; wage earners (average number), 11,436; cost of materials, \$10,602,000; value of products, \$228,652,000; value added by manufacture, \$245,653,000. For the remaining items, separate figures for this class of establishments have not been compiled, so that corresponding deductions can not be made. In order further to preserve the comparability of the figures, the following adjustments have been made: The data for establishments engaged in automobile repairing and those for purchased power either than electric have been omitted from the figures for 1919 and 1914; no such data having been tabulated for 1925; and the data for coffee roasting and spice grinding have been omitted from the figures for 1922 and prior years, no such data having been tabulated for 1925.]

PERSONS ENGAGED IN THE INDUSTRY

YEAR OR PERIOD	Number of establishments	SALARIES AND WAGES ¹			
		Total	Salaried officers and employees	Wage earners (average number)	Horse-power
1925	187,380	9,587,057	123,054	1,349,382	\$ 35,772,625
1924	195,380	10,265,505	145,948	1,369,959	\$ 33,086,870
1923	195,335	8,251,168	172,399	1,411,073	\$ 637,633
1922	213,631	10,668,679	250,015	1,429,129	\$ 959,336
1921	176,483	8,102,819	258,698	956,444	\$ 877,677

THE CENT OF INCREASE OR DECREASE (-)

YEAR OR PERIOD	Number of establishments	SALARIES AND WAGES ¹			
		Total	Salaried officers and employees	Wage earners (average number)	Horse-power
1922-1925	-1,2	-10,1	-0,7	-1,1	8,2
1921-1923	(-2,4)	-18,3	-2,3	-2,3	-20,3
1919-1921	-8,5	-20,2	-2,3	-2,3	-19,3
1914-1919	21,1	31,7	-3,4	30,5	31,6
1921-1925	-4	19,5	-2,2	17,5	-20,3
1918-1925	-12,3	-7,6	-6,2	-6,7	-21,7
1914-1925	6	21,7	-4,6	-4,1	-40,1

¹ The amount of manufacturers' profits can not be calculated from the census figures, for the reason that no data are collected in regard to a number of items of expense, such as interest on investment, taxes, insurance, and advertising.

¹ Including also cost of fuel, electric power, mill supplies, and containers sold with products.

¹ Value of products less cost of materials.

¹ Statistics for salaried officers and employees and for salaries, as presented in this table, include data for central-administrative-office employees and for the salaries of such employees. No corresponding data are included in any of the other tables in this report, but the numbers of central-administrative-office employees and the amounts of their salaries are given in footnotes to the "General statistics" tables for those industries for which separate reports have been prepared. The numbers of central-administrative-office employees and the amounts of their salaries, as reported at the censuses for 1925 and 1923, were as follows: 1925—51,640 employees; salaries, \$225,512,728; 1923—50,378 employees; salaries, \$207,540,160. The corresponding figures for prior years were not tabulated separately. (See "Central-office employees," p. 4.)

¹ Less than one-tenth of 1 per cent.

¹ Not called for on schedule.

SUMMARY FOR 16 GENERAL GROUPS OF INDUSTRIES: 1911 TO 1925

Inclusive, for 1910 and 1911, data for establishments reporting products valued at less than \$5,000. With this exception, the figures for 1913 and prior years have been adjusted as explained in the headnote to table on p. 7.

Industry	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-
	su-	ber of	earners	average	material	products	power
Expressed in thousands of dollars							
All industries	1925	187,360	\$8,384,761	10,729,360	35,535,616	62,743,714	26,778,066
	1923	195,680	\$8,768,441	10,360,392	34,480,855	60,258,470	27,777,615
	1921	195,655	\$9,937,688	8,192,674	25,151,807	43,427,221	18,273,417
	1919	233,801	\$9,630,771	10,452,566	37,044,832	61,988,635	24,843,463
	1911	274,822	\$7,016,136	4,063,291	14,292,415	59,025,760	22,261,341
Food and kindred products ^a	1925	18,113	\$65,750	763,181	7,718,626	10,418,626	2,600,658
	1923	21,118	\$72,472	785,353	6,706,663	9,236,623	2,460,520
	1921	21,401	\$67,736	736,395	5,956,684	8,011,673	2,054,369
	1919	68,629	725,121	735,121	10,038,734	12,443,556	3,334,822
	1911	69,407	524,887	295,837	5,700,656	4,827,041	1,036,349
Textiles and their products ^a	1925	21,303	\$1,627,141	1,654,016	5,318,650	9,122,858	3,774,908
	1923	29,567	\$1,715,501	1,735,861	5,304,618	9,462,631	4,667,986
	1921	35,160	\$1,609,789	1,473,560	5,801,352	6,636,715	3,155,463
	1919	28,357	\$1,610,667	1,481,183	5,370,537	6,211,190	3,831,633
	1911	26,361	\$1,505,167	675,002	2,014,089	3,445,481	1,437,382
Iron and steel and their products, not including machinery	1925	6,468	\$51,270	1,284,339	3,734,350	6,461,668	2,727,318
	1923	6,355	\$89,650	1,324,586	4,152,918	6,828,341	2,675,925
	1921	6,255	\$74,718	731,186	2,110,334	4,456,390	1,310,646
	1919	7,621	\$88,571	1,211,465	3,423,678	5,889,523	2,465,845
	1911	6,331	\$68,319	121,488	1,315,510	2,137,628	821,818
Lumber and allied products	1925	21,023	\$25,145	978,755	1,721,963	3,688,552	1,003,560
	1923	21,671	\$61,718	962,612	1,656,188	3,633,031	1,460,836
	1921	21,593	\$703,369	670,421	1,497,045	2,456,658	1,259,145
	1919	41,195	\$65,467	859,832	1,368,172	3,113,203	1,745,051
	1911	31,452	\$65,659	416,777	703,573	1,615,780	850,267
Leather and its manufactures	1925	4,264	\$15,288	356,236	1,015,123	1,767,581	752,458
	1923	4,865	\$13,454	388,570	1,053,355	1,880,685	706,740
	1921	4,813	250,671	311,112	934,398	1,511,186	603,780
	1919	6,397	340,362	365,353	1,713,303	2,610,231	1,996,425
	1911	6,758	367,466	169,358	753,135	1,101,595	351,460
Rubber products	1925	498	145,121	190,563	718,310	1,256,414	535,574
	1923	529	137,863	182,661	501,163	958,518	557,355
	1921	306	165,273	125,613	377,879	701,903	327,024
	1919	277	155,519	193,761	501,331	1,158,210	513,873
	1911	342	74,622	55,167	163,055	360,494	137,059
Paper, printing and related industries ^a	1925	26,553	\$36,766	805,616	1,614,235	4,443,685	2,529,450
	1923	25,700	\$27,619	713,670	1,555,448	2,772,288	2,227,870
	1921	25,377	467,256	637,332	1,332,371	3,150,564	1,818,193
	1919	35,421	610,019	565,752	1,368,201	3,011,832	1,706,631
	1911	37,209	353,065	296,565	381,265	1,456,814	875,518
Chemicals and allied products	1925	8,874	\$84,075	506,365	4,184,344	6,338,627	2,253,116
	1923	7,832	365,493	561,265	3,610,437	5,706,566	2,026,459
	1921	8,391	315,231	301,354	3,111,321	5,504,777	1,483,322
	1919	12,362	305,474	530,269	3,903,873	6,030,910	2,182,676
	1911	13,229	319,154	175,190	1,485,674	3,438,373	1,200,410
Stone, clay, and glass products ^a	1925	8,373	\$33,046	467,617	1,635,197	1,610,652	1,032,735
	1923	7,333	295,911	503,021	1,765,052	5,635,121	2,026,519
	1921	8,315	232,450	507,665	1,235,237	1,633,080	601,832
	1919	12,399	365,910	322,725	423,612	1,111,747	659,136
	1911	14,700	335,824	206,031	2,310,347	618,700	377,582
Metals and metal products, other than iron and steel	1925	6,424	\$75,292	386,781	1,016,777	2,833,770	886,093
	1923	7,333	295,911	503,021	1,765,052	2,611,051	866,359
	1921	7,801	263,351	256,231	885,810	1,006,873	521,063
	1919	10,316	301,195	368,378	1,735,021	2,517,417	780,393
	1911	9,708	295,216	135,356	403,791	1,327,930	361,336
Tobacco manufacturers	1925	2,623	\$32,152	114,258	425,760	1,091,001	635,232
	1923	3,072	146,337	120,152	515,865	528,327	33,515
	1921	4,372	149,905	120,903	608,649	1,018,390	530,801
	1919	10,201	157,097	126,988	484,567	1,012,033	529,306
	1911	6,451	178,872	77,866	207,131	490,165	34,750

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR 16 GENERAL GROUPS OF INDUSTRIES (1914 TO 1925)—Continued

[See note at head of this summary, p. 8.]

GROUP	INDUSTRY	Cen-	Num-	Wage	Wages	Cost of	Value of	Value	Horse-
year	estab-	ber of	de-	earners	ma-	ma-	manu-	power	
Expressed in thousands of dollars									
12	Machinery, not including transportation equipment.	1925	11,807	\$18,843	1,235,359	1,085,367	5,620,261	3,034,044	2,714,337
		1924	12,117	907,767	1,233,733	1,081,621	5,727,818	2,836,291	2,300,413
		1923	12,395	662,237	832,581	1,361,163	3,235,079	1,873,932	(1)
		1922	11,821	955,481	1,210,487	1,053,455	4,768,671	2,795,216	3,060,325
		1921	13,477	618,737	442,406	662,667	4,582,469	1,019,432	1,236,308
13	Musical instruments and phonographs.	1925	461	16,460	62,582	68,761	231,687	132,026	57,318
		1924	535	18,329	75,396	123,600	282,531	158,631	50,229
		1923	609	15,113	51,491	94,988	212,989	118,601	(1)
		1922	778	68,741	75,868	137,460	320,905	181,445	91,010
		1921	737	46,763	30,855	49,324	146,689	76,305	57,526
14	Transportation equipment, air, land, and water.	1925	2,778	559,578	903,188	3,380,101	5,451,753	2,662,672	1,888,961
		1924	3,053	605,429	961,559	3,394,505	5,329,480	1,638,675	1,624,409
		1923	4,273	605,776	261,333	1,803,011	3,018,155	1,215,114	(1)
		1922	6,768	853,782	1,230,015	3,200,603	5,625,265	2,425,659	1,453,804
		1921	7,818	312,562	230,615	639,783	1,357,323	497,650	602,459
15	Railroad repair shops.	1925	2,263	457,755	668,102	564,616	1,332,679	769,033	942,248
		1924	2,318	523,330	772,968	631,559	1,520,083	838,731	865,455
		1923	3,326	418,285	671,056	503,571	1,267,592	760,771	(1)
		1922	2,368	415,703	726,631	517,829	1,551,446	806,617	644,872
		1921	2,011	365,602	235,150	261,638	552,618	291,180	478,893
16	Miscellaneous industries.*	1925	11,234	262,079	336,658	833,630	1,812,570	981,910	601,826
		1924	11,310	274,554	333,678	791,367	1,681,415	890,018	577,660
		1923	10,832	225,418	267,620	611,470	1,299,665	685,525	(1)
		1922	11,228	260,531	312,032	811,048	1,663,551	821,633	622,900
		1921	11,058	215,511	195,503	348,460	663,106	314,616	362,007

* Not called for on schedule.

* See headnote to table for Group 2, p. 11.

* See headnote to table for Group 4, below.

* See headnote to table for Group 2, p. 11.

* See headnote to table for Group 7, p. 22.

* SUMMARY FOR GROUP 1, FOOD AND KINDRED PRODUCERS: 1910 TO 1925

[No data for the coffee roasting and sugar-grinding industry were tabulated at the census for 1925, and therefore the statistics for the earlier years have been adjusted by deducting the figures for this industry. Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1910 but not in those for subsequent years.]

INDUSTRY	Cen-	Num-	Wage	Wages	Cost of	Value of	Value	Horse-	
year	estab-	ber of	de-	(average)	de-	prod-	facture		
Expressed in thousands of dollars									
Total.....	1925	48,113	653,760	733,681	7,748,678	10,418,536	2,660,858	3,881,952	
	1924	51,118	672,472	785,555	9,766,003	9,226,528	2,460,520	3,685,657	
	1923	51,401	617,756	736,695	5,956,684	8,011,075	2,081,389	(1)	
	1922	68,620	723,124	765,620	10,008,734	12,441,556	2,434,822	3,173,400	
Animal products.....	1925	11,941	191,572	215,581	3,780,600	4,308,787	755,887	882,618	
	1924	12,697	206,513	257,782	3,296,535	4,033,597	727,062	731,116	
	1923	11,364	184,811	231,329	2,715,361	3,315,711	600,389	(1)	
	1922	13,701	236,363	288,511	5,025,664	5,760,290	734,626	681,671	
Butter, cheese, and condensed and evaporated milk.	1925	6,330	29,274	34,974	847,607	973,518	126,511	201,639	
	1924	7,330	32,888	46,180	816,576	935,350	144,285	196,966	
	1923	6,615	31,456	37,702	609,145	738,441	129,206	(1)	
	1922	7,369	35,313	37,940	926,360	1,066,126	139,760	168,551	
Canning and preserving; fish, crabs, shrimp, oysters, and clams.	1925	319	10,530	7,234	39,194	61,061	21,867	16,927	
	1924	361	9,144	6,182	31,053	51,589	16,516	17,648	
	1923	320	7,946	5,315	22,023	36,115	14,092	(1)	
	1922	475	12,437	9,505	33,994	80,260	26,266	25,630	
Ice cream.....	1925	2,700	23,043	35,157	140,864	286,176	145,312	180,328	
	1924	2,742	23,163	32,435	145,307	250,067	114,600	160,730	
	1923	2,628	20,260	28,237	121,170	213,202	92,062	(1)	
	1922	3,475	19,153	21,069	116,375	189,483	73,108	102,640	

See footnotes at end of table.

SUMMARY FOR GROUP 1, FOOD AND KINBRED PRODUCTS: 1919 TO 1925—Con.

(See note at head of this summary, p. 6)

INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power								
Expressed in thousands of dollars																
Animal products—Con.																
Oleomargarine and other butter substitutes, not made in slaughtering and meat-packing establishments.	1925	38	1,630	2,278	28,385	30,866	11,471	6,740								
	1923	81	1,484	1,021	25,772	35,053	10,181	5,022								
	1921	45	2,041	2,728	28,002	30,177	11,115	(1)								
	1919	42	2,851	3,184	60,043	70,815	13,772	9,435								
Poultry killing and dressing.	1925	160	2,760	2,631	38,761	46,454	8,003	5,084								
	1923	127	1,510	1,446	21,783	26,424	4,641	2,006								
	1921	160	2,285	1,068	20,321	34,717	6,306	(1)								
	1919	160	2,140	2,016	36,016	41,705	6,089	4,010								
Sausage and sausage casings, not made in slaughtering and meat-packing establishments.	1925	489	4,014	7,052	61,407	82,430	20,039	18,184								
	1923	400	4,502	6,840	51,033	60,610	18,477	17,017								
	1921	613	3,872	5,479	37,442	53,087	15,645	(1)								
	1919	633	3,471	4,070	43,040	66,010	12,670	12,671								
Slaughtering and meat packing, wholesale.	1925	1,200	120,422	150,365	2,025,102	3,050,280	425,004	441,516								
	1923	1,307	132,792	167,560	2,170,010	2,585,804	400,704	382,127								
	1921	1,184	117,042	152,003	1,808,198	2,200,942	332,744	(1)								
	1919	1,304	160,900	206,489	3,782,930	4,246,201	403,301	368,522								
Vegetable and mineral products.																
	1925	86,212	473,188	510,100	3,067,778	5,870,740	1,011,071	2,000,834								
	1923	38,611	405,030	527,773	3,470,468	5,212,926	1,733,458	2,804,261								
	1921	40,027	432,905	502,500	3,241,323	4,725,332	1,484,000	(1)								
	1919	64,835	480,701	476,980	4,083,070	6,083,210	1,700,100	2,401,720								
Beverages																
	1925	4,210	27,384	30,043	98,400	237,701	139,295	168,805								
	1923	4,614	20,274	37,680	90,572	228,730	120,158	221,202								
	1921	3,807	33,202	46,652	116,102	237,028	121,626	(1)								
	1919	5,104	17,440	10,302	88,001	135,341	66,740	41,107								
Bread and other bakery products.	1925	17,084	160,411	210,000	608,016	1,268,194	600,178	227,280								
	1923	18,730	162,013	214,670	574,620	1,122,000	548,386	193,186								
	1921	20,173	143,600	198,930	508,014	1,080,072	491,368	(1)								
	1919	25,005	141,602	168,237	713,239	1,151,806	438,067	165,711								
Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.	1925	2,403	85,800	67,427	385,674	610,071	230,407	187,400								
	1923	2,438	72,634	67,163	208,068	515,810	216,346	170,714								
	1921	1,906	51,729	80,800	237,082	306,717	128,035	(1)								
	1919	3,805	77,480	50,940	358,000	548,028	180,302	154,631								
Chewing gum																
	1925	41	2,180	2,638	17,068	47,838	29,870	7,712								
	1923	45	2,052	2,233	15,487	40,871	25,384	6,006								
	1921	50	1,004	2,140	19,008	38,805	18,057	(1)								
	1919	62	3,100	2,680	25,202	51,240	20,038	6,172								
Chocolate and confectionery products, not including confectionery.	1925	60	7,128	7,002	73,622	100,042	33,120	53,200								
	1923	69	6,870	7,730	60,843	95,632	34,680	47,197								
	1921	65	6,602	7,278	49,134	81,040	32,515	(1)								
	1919	48	6,083	6,270	101,764	130,288	37,604	33,414								
Confectionery																
	1925	1,031	63,600	65,235	205,433	370,081	173,048	100,465								
	1923	2,014	63,486	54,581	202,719	306,266	103,637	91,465								
	1921	2,264	61,004	50,210	174,072	313,098	130,020	(1)								
	1919	3,140	70,403	64,461	252,434	447,720	105,202	77,030								
Corn syrup, corn oil, and starch.	1925	30	0,402	0,378	63,004	132,808	30,834	72,617								
	1923	31	0,637	0,000	74,481	110,500	42,070	65,704								
	1921	32	0,131	7,840	50,801	80,041	20,180	(1)								
	1919	56	7,705	11,003	130,320	180,250	55,027	52,030								
Flavoring extracts and flavoring syrups.																
	1925	431	3,800	5,078	47,004	94,212	47,148	23,313								
	1923	457	3,600	4,195	38,177	74,164	36,977	17,920								
	1921	403	3,402	4,050	45,349	77,120	31,777	(1)								
	1919	602	3,580	2,002	50,418	76,024	20,500	6,553								
Flour, feed, and other grain mill products.	1925	4,413	81,048	80,700	1,120,370	1,208,015	172,030	600,010								
	1923	5,213	81,104	41,704	885,072	1,048,478	102,000	700,800								
	1921	6,485	81,378	48,143	883,810	1,179,740	185,920	(1)								
	1919	10,708	46,481	50,888	1,700,181	2,082,434	283,283	876,404								

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 1, FOOD AND KINDRED PRODUCTS: 1919 TO 1925—Con.

(See note at head of this summary, p. 6)

INDUSTRY	Census year	Number of establish-ments (average number)	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufacturer	Horse-power	Expressed in thousands of dollars	
Vegetable and mineral products—Continued.										
Ice, manufactured.....	1925	3,077	24,015	\$5,040	44,725	186,000	142,244	623,134		
	1923	3,007	20,832	35,040	40,004	164,002	117,008	845,012		
	1921	2,715	24,000	32,630	51,174	168,889	107,716	(1)		
	1919	2,867	20,217	34,002	42,878	137,000	94,127	860,025		
Malt.....	1925	21	568	903	10,080	24,000	4,083	15,260		
	1923	22	487	742	13,164	16,431	3,277	14,805		
	1921	20	610	924	17,408	21,005	3,647	(1)		
	1919	55	1,352	1,845	31,013	30,340	7,727	27,483		
Peanuts: Grading, roasting, cleaning, and shelling.....	1925	69	1,090	978	18,184	20,024	2,440	8,830		
	1923	70	1,402	748	15,170	18,189	3,013	7,703		
	1921	66	2,000	1,065	17,064	19,000	2,615	(1)		
	1919	78	2,460	1,420	28,474	33,354	4,890	7,351		
Rice cleaning and polishing.....	1925	63	1,200	1,008	45,847	63,408	7,051	22,480		
	1923	69	1,761	1,370	40,213	47,008	6,865	22,220		
	1921	76	1,940	1,707	34,170	41,213	7,034	(1)		
	1919	86	2,113	1,032	70,034	60,030	13,405	25,340		
Sugar, beet.....	1925	80	8,872	12,088	87,038	132,339	45,301	140,085		
	1923	84	7,571	10,103	70,820	118,314	47,404	127,771		
	1921	92	13,002	22,058	121,860	130,110	17,241	(1)		
	1919	86	11,781	15,008	87,020	140,186	62,127	127,304		
Sugar, cane, not including products of refineries.....	1925	94	2,000	1,411	11,596	13,435	1,810	72,706		
	1923	122	2,820	1,728	20,963	27,181	6,218	88,214		
	1921	134	2,724	2,200	16,941	22,001	6,020	(1)		
	1919	202	6,101	4,000	44,143	57,741	13,508	101,860		
Sugar refining, cane.....	1925	21	14,502	18,045	640,800	606,633	50,737	80,008		
	1923	26	15,251	20,044	681,880	726,241	44,301	72,082		
	1921	20	15,457	19,403	426,601	466,602	40,001	(1)		
	1919	20	18,262	22,710	602,144	730,987	68,843	52,541		
Vinegar and cider.....	1925	101	1,243	1,232	6,838	12,233	5,205	6,020		
	1923	100	1,317	1,270	7,402	12,535	5,073	8,414		
	1921	227	1,481	1,678	9,804	18,249	8,355	(1)		
	1919	720	1,081	2,048	15,500	24,723	6,164	17,043		
Food preparations not elsewhere classified.....	1925	1,412	28,797	31,382	460,102	649,237	180,046	107,003		
	1923	1,309	24,212	27,450	332,307	473,402	141,005	178,182		
	1921	1,397	22,808	21,175	260,621	372,808	112,277	(1)		
	1919	2,003	30,378	20,404	404,772	631,818	137,040	140,709		

¹ Not called for on schedule.² At the census for 1923 a number of important establishments failed to make returns, consequently the figures for that year are incomplete and are not comparable with those for either 1925 or prior years.³ Includes cereal beverages ("near beer" and similar soft drinks) for 1925, 1923, and 1921, but not for 1919.

SUMMARY FOR GROUP 2, TEXTILES AND THEIR PRODUCTS: 1919 TO 1925

[The manufacture of asbestos textiles, formerly treated as an industry in Group 2, is now classified as a branch of the "Asbestos products, other than steam packing or pipe and boiler covering" industry, in Group 9. The statistics for 1923 and earlier years have accordingly been adjusted by excluding the data for asbestos textiles. Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years.]

INDUSTRY	Census year	Number of establish-ments (average number)	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufacturer	Horse-power	Expressed in thousands of dollars	
Total.....										
	1925	24,433	1,027,141	\$1,054,013	5,348,050	9,122,858	3,774,808	3,086,136		
	1923	20,707	1,715,301	1,743,881	5,304,648	9,402,634	4,067,080	3,783,504		
	1921	25,090	1,000,789	1,472,300	3,801,252	6,080,716	3,165,403	(1)		
	1919	28,457	1,610,007	1,481,183	5,370,567	9,211,100	3,831,033	3,248,486		
Textile-mill products.....	1925	7,470	1,110,200	\$1,000,202	3,234,034	5,312,017	2,108,693	3,748,885		
	1923	7,810	1,184,038	1,122,761	3,213,272	5,927,557	2,314,286	3,550,440		
	1921	7,241	1,003,557	866,378	2,186,803	5,800,440	1,780,040	(1)		
	1919	7,143	1,002,327	910,048	3,258,627	4,481,884	2,223,207	3,024,486		

See footnotes at end of table.

SUMMARY FOR GROUP 2, TEXTILES AND THEIR PRODUCTS: 1910 TO 1925—
Continued

(See note at head of this summary, p. 11)

INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Expressed in thousands of dollars				Horse- power
				Wages	Cost of materials	Value of products	Value added by manu- facture	
Textile-mill products—Continued.								
Carpets and rugs, wool, other than rag.	1925	60	33,880	43,382	104,100	188,903	84,707	63,008
	1923	70	35,217	48,628	97,473	190,481	102,008	53,802
	1921	72	22,022	28,705	60,118	103,880	53,702	(1)
	1910	76	22,033	24,210	67,118	123,254	60,130	37,503
Cloth sponging and re- finishing.	1925	61	931	1,880	203	3,880	3,080	975
	1923	65	1,225	2,210	298	4,052	4,354	911
	1921	68	1,123	1,770	204	4,101	3,837	(1)
	1910	67	1,200	1,605	178	3,691	3,513	927
Cordage and twine.....	1925	118	15,400	14,018	66,848	100,448	33,000	77,503
	1923	121	16,382	15,148	53,042	88,283	34,041	72,371
	1921	118	14,603	12,924	46,481	75,350	28,875	(1)
	1910	120	17,622	14,700	89,700	133,300	43,000	66,556
Cotton goods.....	1925	1,300	445,181	393,883	1,077,153	1,714,308	637,210	2,236,363
	1923	375	471,503	390,603	1,147,372	1,901,126	763,754	2,153,209
	1921	1,328	412,058	328,227	707,442	1,278,221	670,770	(1)
	1910	1,288	430,000	365,476	1,277,780	2,125,272	847,480	1,830,208
Cotton lace.....	1925	42	7,000	7,620	13,301	30,843	17,482	9,507
	1923	30	7,307	8,050	14,031	35,702	21,161	9,645
	1921	37	6,300	6,200	11,321	26,981	14,000	(1)
	1910	44	6,400	6,087	13,076	20,397	10,321	6,078
Cotton small wares	1925	230	10,102	16,547	41,810	74,075	32,850	33,700
	1923	238	10,387	16,057	38,016	73,223	34,008	31,926
Dyeing and finishing textiles.	1925	607	70,749	83,083	244,700	432,637	187,837	252,701
	1923	713	63,414	72,925	100,156	360,623	107,407	204,128
	1921	600	51,610	58,139	141,109	276,751	136,552	(1)
	1910	628	55,085	57,100	174,743	323,068	140,225	160,857
Felt goods, wool or hair...	1925	60	6,146	6,404	26,354	43,770	17,422	23,478
	1923	63	6,735	6,038	23,806	42,037	18,142	20,522
	1921	40	4,180	4,026	11,282	24,120	12,897	(1)
	1910	40	5,236	4,873	22,781	30,220	16,448	16,411
Flax and hemp, dressed..	1925	9	82	80	244	450	215	1,457
	1923	9	62	49	174	281	107	877
	1921	6	112	72	201	268	67	(1)
	1910	20	420	447	1,709	2,360	680	1,020
Haircloth.....	1925	15	356	387	1,807	2,740	840	1,058
	1923	18	409	404	2,512	3,734	1,222	1,333
	1921	17	301	320	1,546	2,618	1,072	(1)
	1910	18	425	426	2,260	3,315	1,050	972
Hats, fur-felt.....	1925	140	16,150	20,400	40,124	80,000	30,042	17,948
	1923	163	16,722	21,631	34,448	75,233	40,805	18,488
	1921	164	13,880	15,882	20,252	52,014	26,302	(1)
	1910	176	18,510	19,043	40,158	82,745	42,587	20,377
Hats, wool-felt.....	1925	22	1,854	1,080	5,123	8,049	3,820	2,550
	1923	21	1,950	2,005	4,457	8,043	4,180	2,762
	1921	20	1,428	1,348	2,474	4,064	2,610	(1)
	1910	40	1,448	1,388	3,700	6,740	3,040	2,004
Jute goods.....	1925	23	6,312	6,040	14,507	27,518	12,051	28,763
	1923	10	6,042	5,778	12,318	25,421	13,073	24,174
	1921	24	6,004	6,030	8,944	17,400	8,502	(1)
	1910	26	7,138	6,430	17,700	34,443	16,734	32,135
Knit goods.....	1925	1,087	180,008	168,083	463,020	800,000	350,034	170,630
	1923	2,923	194,244	168,272	484,020	848,177	364,157	185,070
	1921	2,078	161,880	182,100	380,458	634,074	273,616	(1)
	1910	2,050	172,572	126,300	427,005	718,140	280,045	149,438

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 2, TEXTILES AND THEIR PRODUCTS: 1919 TO 1925— Continued

[See note at head of this summary, p. 11]

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power	Expressed in thousands of dollars'	
Textile-mill products— Continued.										
Linen goods.....	1925	18	2,780	2,403	6,395	11,157	4,702	12,119		
	1923	18	2,880	2,897	6,073	11,390	5,317	9,803		
	1921	15	2,619	2,123	4,404	8,210	3,746			
	1919	10	1,880	1,030	4,100	6,998	2,868	6,060		
Mats and matting, grass and coir.....	1925	10	902	707	1,527	3,402	1,065	2,147		
	1923	11	880	897	1,810	3,800	2,880	1,080		
	1921	13	928	870	1,020	2,322	1,302			
	1919	12	1,073	811	2,102	4,861	2,769	1,070		
Silk manufactures.....	1925	1,060	132,000	142,734	484,122	808,070	324,867	212,000		
	1923	1,088	126,234	126,849	470,038	701,322	292,284	206,020		
	1921	1,503	121,378	113,306	387,660	583,419	246,860			
	1919	1,300	126,782	108,220	388,469	688,400	300,000	173,748		
Wool pulling.....	1925	23	673	841	18,037	16,200	1,572	2,700		
	1923	27	600	800	11,808	15,170	3,808	2,837		
	1921	22	552	693	5,197	6,797	1,670			
	1919	24	705	910	12,810	17,361	4,681	2,102		
Wool scouring.....	1925	25	1,112	1,601	2,627	5,831	3,304	7,823		
	1923	20	1,473	2,025	4,620	8,190	3,661	6,976		
	1921	21	1,630	2,007	3,304	6,820	3,510			
	1919	33	2,177	2,806	7,228	13,080	4,462	9,710		
Wool shoddy.....	1925	68	2,218	2,600	14,013	21,022	6,100	15,435		
	1923	69	2,128	2,442	10,027	16,697	6,070	12,496		
	1921	63	1,170	1,250	4,480	6,803	2,323			
	1919	78	2,506	2,655	10,070	23,254	7,178	16,567		
Woolen goods.....	1925	403	67,006	82,436	210,618	361,524	141,000	193,080		
	1923	413	72,408	87,314	201,548	361,288	102,740	180,657		
	1921	403	56,434	62,803	120,276	230,045	110,660			
	1919	560	62,057	66,590	217,965	364,897	146,082	172,191		
Worsted goods.....	1925	329	98,108	108,835	400,783	500,200	195,483	377,215		
	1923	338	122,144	135,071	421,184	608,271	277,087	357,808		
	1921	321	105,030	112,001	270,770	524,030	244,869			
	1919	202	103,830	101,613	447,020	700,638	262,909	204,028		
Wearing apparel made from purchased fab- rics.....	1925	14,862	406,683	633,024	1,730,370	3,230,978	1,800,602	119,158		
	1923	16,001	499,413	608,130	1,832,220	3,443,040	1,591,711	132,317		
	1921	10,781	473,574	634,312	1,424,284	2,710,657	1,280,373			
	1919	18,778	507,700	620,955	1,745,031	3,108,147	1,452,210	131,965		
Clothing, men's, not else- where classified.....	1925	4,000	174,332	203,847	557,471	1,087,238	520,707	44,740		
	1923	4,007	101,820	235,487	584,804	1,178,715	593,011	52,042		
	1921	4,430	165,200	201,882	447,515	934,776	487,231			
	1919	4,268	178,270	197,822	605,782	1,102,086	557,234	40,108		
Clothing, men's, button- holes.....	1925	30	327	347	71	658	587	87		
	1923	37	334	400	103	804	701	105		
	1921	37	320	348	77	646	569			
	1919	107	484	514	123	1,090	907	176		
Collars, men's.....	1925	28	7,187	5,603	11,703	27,688	15,705	4,407		
	1923	37	10,440	7,000	14,370	42,000	24,200	5,050		
	1921	34	9,285	7,001	12,374	20,571	17,197			
	1919	30	11,103	7,481	10,431	47,505	28,131	5,276		
Furnishing goods, men's, not elsewhere classified.....	1925	410	21,004	17,438	60,861	120,804	51,007	4,977		
	1923	454	18,958	14,810	52,237	102,952	45,715	5,470		
	1921	421	15,021	12,470	47,193	77,527	30,334			
	1919	487	18,944	13,663	64,744	107,835	43,091	5,059		
Gloves and mittens, cloth, not made in tex- tile mills.....	1925	118	7,708	4,810	15,785	25,660	9,926	3,516		
	1923	120	8,804	5,290	18,292	28,126	9,834	3,143		
	1921	128	5,748	3,204	10,192	15,213	5,021			
	1919	182	8,986	3,855	16,092	28,220	12,128	3,304		

SUMMARY FOR GROUP 2, TEXTILES AND TURNING PRODUCTS: 1919 TO 1925--
Continued

[See note at head of this summary, p. 11]

INDUSTRY	Con- sus year	Number of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power	Expressed in thousands of dollars	
Wearing apparel made from purchased fabrics—Continued.										
Hats and caps, except felt and straw.	1925	870	6,552	9,243	22,690	43,823	21,124	1,876		
	1923	651	7,313	9,604	22,250	42,812	20,502	1,782		
	1921	584	6,605	8,701	18,637	36,987	18,450	(1)		
	1919	709	7,630	9,439	24,177	44,510	20,303	1,087		
Shirts.	1925	840	40,804	35,074	120,764	225,063	90,200	13,884		
	1923	934	51,072	37,913	130,354	241,331	101,977	14,050		
	1921	800	45,427	33,182	123,250	203,914	80,085	(1)		
	1919	800	80,003	25,834	127,088	205,327	78,239	14,800		
Suspenders, garters, and other elastic goods, made from purchased webbing. ¹	1925	93	3,835	3,072	10,500	27,504	11,004	876		
	1923	100	3,458	2,802	13,034	24,297	10,303	809		
Clothing, women's, not elsewhere classified.	1925	6,127	126,400	175,046	724,209	1,203,705	500,406	24,316		
	1923	7,040	133,105	170,446	809,501	1,408,084	507,123	27,704		
	1921	7,001	144,805	185,082	867,810	1,022,743	464,033	(1)		
	1919	7,711	165,049	185,200	680,407	1,208,613	528,130	32,421		
Corsets.	1925	185	14,526	12,304	37,808	77,115	39,307	8,394		
	1923	216	10,104	13,268	38,416	78,048	39,032	5,901		
	1921	173	17,084	13,102	36,867	75,000	36,743	(1)		
	1919	188	18,415	13,082	38,816	75,642	36,726	6,050		
Millinery and lace goods, not elsewhere classified.	1925	2,443	53,003	66,551	163,385	300,850	150,471	11,986		
	1923	2,603	54,210	64,014	149,008	207,605	147,597	15,001		
	1921	2,777	43,701	60,401	131,207	208,714	137,607	(1)		
	1919	3,005	50,860	49,849	132,920	255,725	122,700	12,410		
Other articles made from purchased fabrics.	1925	2,101	51,349	68,827	374,040	540,203	165,623	118,003		
	1923	2,047	51,310	62,001	320,147	401,137	161,900	94,747		
	1921	1,955	42,668	41,705	240,105	340,600	100,444	(1)		
	1919	2,536	50,010	44,180	375,000	531,150	160,000	92,005		
Artificial leather.	1925	18	2,050	3,801	31,238	40,932	9,004	10,593		
	1923	17	2,462	3,235	22,624	33,658	10,934	8,350		
	1921	19	1,444	1,801	11,247	15,616	4,200	(1)		
	1919	17	2,011	2,103	18,132	20,282	8,150	4,952		
Asphalted-felt-base floor coverings. ¹	1925	11	2,404	3,338	14,930	32,532	17,602	9,675		
	1923	9	1,682	2,204	9,140	25,280	16,140	2,700		
	1921	10	810	882	3,717	10,147	6,430	(1)		
Awnings, tents, sails, and canvas covers.	1925	905	6,240	7,601	27,463	48,560	21,110	4,564		
	1923	814	6,058	6,023	25,229	46,276	20,047	4,728		
	1921	709	5,070	5,031	21,327	37,012	15,085	(1)		
	1919	895	6,028	5,850	20,901	45,000	18,720	4,571		
Bags, other than paper, not made in textile mills.	1925	162	11,404	9,332	160,103	175,082	24,079	15,295		
	1923	160	11,518	9,361	128,222	151,070	23,454	13,852		
	1921	169	10,324	8,032	99,438	116,462	16,014	(1)		
	1919	216	10,760	7,757	170,018	214,000	38,042	9,070		
Bulging, other than leather and rubber, made from purchased fabrics. ¹	1925	11	254	204	1,505	8,111	1,516	914		
	1923	13	335	851	1,074	3,312	1,638	930		
Carpets and rugs, rag.	1925	130	1,001	1,870	1,043	6,710	3,707	2,340		
	1923	151	2,041	1,887	2,005	6,007	4,002	2,587		
	1921	140	1,570	1,441	1,039	4,860	3,221	(1)		
	1919	339	2,016	1,551	2,038	5,597	3,559	2,059		
Flags and banners.	1925	49	1,081	890	2,332	4,588	2,256	620		
	1923	62	878	788	2,024	3,807	1,783	748		
	1921	67	901	777	1,850	3,037	1,787	(1)		
	1919	79	1,005	795	3,286	5,946	2,000	778		

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 2, TEXTILES AND THEIR PRODUCTS; 1919 TO 1925—
Continued

(See note at head of this summary, p. 11)

INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power	Expressed in thousands of dollars	
Other articles made from purchased fabrics—Continued.										
Hammocks	1926	4	121	1,08	308	674	200	200		
	1923	4	98	1,43	207	361	144	103		
	1921	5	51	38	102	250	88	(1)		
	1919	6	64	40	100	250	87	82		
Hat and cap materials	1925	89	2,127	2,413	16,218	22,010	6,831	5,141		
	1923	101	2,301	2,411	13,863	20,608	6,045	4,749		
	1921	103	1,722	1,737	6,713	11,545	4,832	(1)		
	1919	133	8,000	8,183	16,044	26,521	9,877	4,027		
Horse blankets, fly nets, and related products	1925	20	604	504	2,636	3,807	1,302	1,773		
	1923	22	841	610	2,774	5,137	2,363	2,000		
	1921	27	705	682	2,078	3,825	1,187	(1)		
	1919	28	700	651	6,460	9,021	2,605	1,577		
House-furnishing goods, not elsewhere classified	1925	433	9,307	9,143	51,070	78,055	27,570	10,702		
	1923	462	8,708	8,464	44,607	60,333	24,000	9,069		
	1921	410	7,501	6,050	35,100	54,551	10,445	(1)		
	1919	407	7,853	6,444	30,704	60,212	20,418	11,857		
Linoleum	1926	6	4,872	3,393	10,987	45,000	25,033	31,840		
	1923	7	6,281	3,376	27,277	52,527	25,250	23,205		
	1921	9	4,877	6,220	21,018	88,476	16,557	(1)		
	1919	21	6,414	6,118	30,300	52,073	22,304	23,500		
Nets and seines	1925	21	885	702	3,470	5,187	1,078	1,100		
	1923	17	882	740	3,167	4,028	1,471	1,082		
	1921	15	705	416	1,946	3,016	1,070	(1)		
	1919	19	860	661	3,048	5,114	1,488	660		
Oilcloth	1925	9	1,100	1,075	13,640	17,843	4,204	3,484		
	1923	9	1,203	1,781	12,105	17,710	5,554	2,880		
	1921	10	917	1,337	9,284	18,002	4,408	(1)		
	1919	11	1,130	1,201	11,141	16,437	4,200	4,251		
Roggin, badges, and emblems	1925	88	1,002	2,033	8,002	9,023	5,001	1,068		
	1923	84	2,140	2,000	4,248	10,580	5,343	1,100		
	1921	81	2,204	2,018	4,423	10,350	5,030	(1)		
	1919	116	2,223	1,800	4,287	8,300	5,100	1,321		
Upholstering materials, not elsewhere classified	1925	34	1,100	1,174	6,123	7,008	2,876	3,380		
	1923	35	1,248	1,280	4,638	7,041	3,103	2,442		
	1921	35	710	648	2,088	4,081	1,303	(1)		
	1919	51	1,657	1,380	4,705	8,004	3,809	4,338		
Waste	1925	105	3,033	2,670	20,700	38,013	9,177	15,306		
	1923	88	2,746	2,468	25,248	33,701	8,463	12,847		
	1921	87	1,868	1,420	12,033	16,791	4,158	(1)		
	1919	98	2,810	2,226	22,710	30,084	7,906	11,837		

1 Not called for on schedule.

2 Because of a change in classification, no comparable statistics can be given for prior years.

3 "Asphalted-salt-base floor coverings" included in "Linoleum" for 1910.

4 Formerly reported as "Clothing, horse."

5 Figures not those previously published; adjusted for comparison with 1923.

6 Includes "Oakum" for 1923 and 1919. For 1921, "Oakum" is included in "All other industries" (see p. 28).

SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufac- ture	Horse- power
Expressed in thousands of dollars								
Total.....	1925	6,004	851,270	1,284,339	3,734,350	6,461,008	2,727,318	7,518,000
	1923	6,358	802,000	1,324,688	4,162,018	6,828,841	2,076,928	7,000,276
	1921	6,255	671,708	731,188	2,140,344	3,456,300	1,310,040	(1)
	1919	7,621	658,471	1,244,405	3,423,078	5,889,523	2,405,845	6,430,002
Crude iron and steel and rolled products.	1925	605	380,014	600,207	2,420,378	3,711,354	1,281,070	6,143,927
	1923	658	424,013	606,701	2,872,028	4,161,938	1,280,010	5,900,941
	1921	628	254,213	364,357	1,306,175	1,901,430	635,265	(1)
	1919	693	416,748	711,406	2,301,802	3,628,309	1,321,507	6,300,574
Iron and steel: Blast fur- naces.	1925	122	29,188	45,312	617,417	705,240	147,860	1,380,304
	1923	100	36,712	68,030	827,630	1,007,613	170,983	1,040,419
	1921	131	18,608	20,870	361,650	410,771	58,721	(1)
	1919	105	41,000	73,700	621,296	704,407	173,181	1,581,407
Iron and steel: Steel works and rolling mills.	1925	473	370,720	614,088	1,811,001	2,046,008	1,184,107	4,763,533
	1923	480	384,201	637,826	2,041,398	3,154,325	1,100,927	4,313,522
	1921	494	235,613	324,087	1,006,125	1,481,050	476,534	(1)
	1919	600	376,088	637,037	1,080,676	2,828,902	1,148,326	3,818,167
Other iron and steel products.	1925	5,473	451,360	624,042	1,304,972	2,750,314	1,445,342	1,375,072
	1923	6,700	467,747	627,827	1,280,800	2,060,003	1,386,013	1,250,334
	1921	6,027	317,688	376,820	774,106	1,654,000	780,791	(1)
	1919	6,926	441,823	632,009	1,121,816	2,260,164	1,144,338	1,030,428
Iron and steel products, not made in steel works or rolling mills: Bolts, nuts, washers, and rivets. ¹	1925	127	13,907	17,042	38,607	75,926	37,410	54,707
	1923	120	16,002	20,207	41,874	84,431	42,557	48,036
	1921	125	10,148	10,260	18,548	35,774	17,220	(1)
	1919	144	17,907	20,074	44,277	80,744	45,407	40,050
Cast-iron pipe.....	1925	77	23,033	27,438	48,847	100,388	51,541	54,820
	1923	73	21,676	26,020	48,804	92,674	43,870	47,239
	1921	70	12,406	18,130	20,807	44,322	20,425	(1)
	1919	69	12,025	14,700	25,386	60,230	24,849	28,741
Doors, shutters, and window sash and frames. ¹	1925	92	6,701	12,800	21,028	60,078	28,450	10,000
	1923	87	2,420	4,333	5,004	16,367	8,703	3,081
	1921	45	1,782	2,881	4,280	12,467	8,178	(1)
	1919	67	2,077	2,730	5,578	10,877	5,299	4,013
Forgings ¹	1925	218	20,200	31,813	68,081	134,511	60,430	120,014
	1923	234	27,468	40,207	92,833	170,011	80,168	130,922
	1921	240	16,740	20,630	44,337	83,151	38,814	(1)
	1919	241	28,301	30,773	82,024	173,752	91,728	100,000
Horseshoes ¹	1925	9	193	275	406	1,408	912	1,042
	1923	10	255	332	737	1,814	1,077	1,341
	1921	12	207	314	955	1,032	977	(1)
	1919	20	744	830	1,557	3,807	1,830	3,874
Iron and steel, processed ¹	1925	26	306	567	643	2,114	1,471	1,870
	1923	265	1,376	2,406	2,026	6,112	0,187	6,200
	1921	320	1,210	1,622	1,000	6,202	4,302	(1)
	1919	520	1,635	2,743	8,570	10,000	7,420	8,705
Nails, spikes, etc. ¹	1925	58	2,227	2,610	5,040	12,318	6,072	8,102
	1923	61	2,849	3,235	7,005	13,300	6,205	10,275
	1921	56	2,412	2,676	5,070	10,076	6,306	(1)
	1919	65	3,355	8,308	8,875	17,583	8,708	8,971
Springs, steel: Railway, vehicle, heavy ma- chine, etc. ¹	1925	98	5,897	8,080	23,000	44,400	20,860	22,402
	1923	114	8,034	12,782	31,748	60,302	27,044	26,303
	1921	125	5,308	5,779	16,007	31,750	15,743	(1)
	1919	113	8,981	11,188	28,010	51,470	23,400	16,500
Steel barrels, kegs, and drums. ¹	1925	33	2,021	2,014	12,743	10,928	7,185	7,730
	1923	39	2,668	3,808	14,818	23,210	8,431	7,007
	1921	31	2,013	2,323	9,207	14,626	(1)	
	1919	33	2,322	4,435	15,151	24,043	9,792	10,554

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1910 TO 1925—Continued

[See note at head of this summary, p. 16]

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage onners (average number)	Wages	Cost of materials	Value of products	Value added by manufac- ture	Horse- power								
Expressed in thousands of dollars																
Other iron and steel products—Continued.																
Iron and steel products, not made in steel works, or rolling mills—Contd.																
Structural and ornamental ironwork, not made in rolling mills, ¹	1925	1,130	48,341	77,411	237,053	420,908	183,345	211,732								
	1923	1,050	51,501	80,833	225,487	406,117	180,030	205,618								
	1921	1,021	32,807	47,465	121,011	250,080	98,076	(1)								
	1910	1,146	48,002	60,020	108,800	204,002	120,102	105,179								
Wrought pipe, not made in rolling mills, ¹	1925	42	10,871	17,157	59,142	94,006	35,563	41,306								
	1923	43	10,633	17,705	57,060	90,823	32,857	40,912								
	1921	57	8,728	11,234	37,003	56,002	10,509	(1)								
	1910	50	10,420	14,020	51,160	81,800	30,713	23,925								
Firearms	1925	20	4,470	5,884	3,174	15,170	12,005	14,580								
	1923	21	6,204	7,693	3,044	17,055	14,021	15,030								
	1921	20	4,720	5,731	2,000	12,884	10,188	(1)								
	1910	20	11,287	13,333	7,014	30,181	22,607	20,107								
Galvanizing and other coating, not done in rolling mills,	1925	54	801	1,128	2,802	5,033	3,011	1,881								
	1923	61	877	1,184	3,303	6,327	2,904	1,830								
	1921	51	880	814	2,161	4,018	1,867	(1)								
	1910	52	1,046	2,218	10,632	14,470	3,044	1,671								
Hardware, not elsewhere classified	1925	470	62,910	65,602	77,603	225,063	147,550	98,278								
	1923	473	62,208	63,471	80,508	215,910	138,302	89,000								
	1921	470	38,228	30,240	41,820	120,000	70,080	(1)								
	1910	580	46,180	40,274	62,810	108,062	105,846	74,210								
Pens, steel and brass	1925	5	487	408	205	1,440	1,181	273								
	1923	5	475	415	177	1,171	994	266								
	1921	4	372	300	173	846	673	(1)								
	1910	4	807	670	308	1,070	1,281	305								
Plumbers' supplies, not including pipe or marble, zinc, and porcelain sanitary ware	1925	210	33,280	40,954	63,010	107,878	104,268	84,534								
	1923	234	27,201	38,047	51,409	132,665	81,100	50,073								
	1921	220	16,070	20,307	26,700	60,110	43,360	(1)								
	1910	214	13,502	15,003	27,707	60,056	32,258	29,095								
Safes and vaults	1925	35	3,805	5,308	8,200	23,044	14,778	10,064								
	1923	34	3,476	4,094	7,050	10,101	12,015	7,090								
	1921	34	3,547	4,703	7,440	10,720	12,286	(1)								
	1910	38	2,940	3,233	6,000	18,204	8,085	5,342								
Screw-machine products	1925	103	8,987	12,000	18,788	48,770	24,091	30,514								
	1923	180	9,120	11,919	15,700	30,230	23,443	28,064								
	1921	100	5,011	6,518	7,577	18,365	10,788	(1)								
	1910	143	10,262	12,105	14,984	40,015	25,031	23,517								
Screws, wood	1925	12	5,084	5,525	6,288	15,836	6,548	11,970								
	1923	10	4,108	5,024	5,700	13,707	7,938	8,560								
	1921	8	2,742	2,707	2,402	7,419	4,057	(1)								
	1910	11	4,880	4,805	6,932	15,400	6,008	7,704								
Stove fittings and stove and hot-water heating apparatus	1925	43,200	63,070	77,357	228,030	151,573	100,313									
	1923	44,141	64,807	83,207	221,064	138,657	91,085									
	1921	30,808	30,600	60,213	127,387	77,154	(1)									
	1910	201	30,080	46,743	72,010	160,288	88,209	67,404								
Stoves (other than gas, oil, or electric) and warm-air furnaces	1925	323	29,374	41,403	47,249	140,805	93,566	63,515								
	1923	343	33,020	46,804	53,307	155,801	102,404	65,366								
	1921	387	24,580	20,828	41,000	101,573	60,573	(1)								
	1910	412	32,808	41,321	54,803	145,718	90,916	40,408								
Stoves and appliances, gas and oil, ¹	1925	17,138	24,800	48,024	123,408	74,874	30,581									
	1923	16,783	22,407	49,171	112,404	63,290	22,208									
	1921	165	7,021	9,480	21,218	42,713	21,406	(1)								
	1910	176	10,605	12,570	24,472	55,702	31,320	11,200								
Tin cans and other tinware, not elsewhere classified	1925	221	20,001	34,302	176,770	200,300	84,581	48,728								
	1923	20,811	22,810	135,980	215,971	70,901	41,282									
	1921	244	22,711	24,598	108,748	168,308	59,597	(1)								
	1910	301	34,886	34,403	165,171	223,964	68,793	30,234								

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1925

SUMMARY FOR GROUP 3, IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY: 1919 TO 1925—Continued

(See note at head of this summary, p. 10)

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufac- ture	Horse- power
Other iron and steel products—Continued.								
Tools and cutlery:								
Cutlery (not includ- ing silver and plated cutlery) and edge tools.	1925	211	10,407	20,220	20,502	80,203	59,701	51,073
	1923	211	10,071	19,751	17,180	72,477	55,317	45,171
	1921	210	11,316	14,760	14,074	40,341	34,367	(1)
	1919	304	10,869	20,048	10,478	60,630	47,152	38,556
Files	1925	38	4,200	5,303	3,618	13,541	10,023	11,634
	1923	37	4,500	5,806	3,840 ^a	13,500	9,720	11,156
	1921	39	3,608	3,176	2,309	7,647	5,339	(1)
	1919	50	5,707	6,102	4,228	17,617	13,889	11,807
Saws	1925	71	4,710	5,873	8,224	20,781	18,557	14,287
	1923	80	5,420	6,730	9,740	30,787	21,047	13,208
	1921	79	3,788	4,087	6,480	18,186	11,706	(1)
	1919	112	5,510	6,281	11,702	31,401	19,000	15,046
Other tools, not In- cluding ma chine tools.	1925	603	26,340	34,204	30,023	121,203	82,240	78,080
	1923	700	20,100	37,100	43,206	128,108	70,952	75,248
	1921	714	19,463	22,014	26,500	70,524	44,974	(1)
	1919	1,125	35,685	43,830	45,707	144,202	98,406	87,730
Vault, sidewalk, and floor lights, coal-hole covers, and ventilating equip- ment.	1923	24	200	440	1,213	2,001	1,778	264
	1921	25	248	300	1,170	2,150	986	(1)
	1919	41	310	424	811	2,166	1,346	260
Wire, drawn from pur- chased bars or rods.	1925	68	18,544	26,028	127,251	184,403	87,212	138,115
	1923	64	21,310	29,862	133,883	106,364	62,481	123,923
	1921	61	14,892	17,810	62,705	90,040	37,241	(1)
	1919	66	10,741	20,200	102,813	162,151	59,338	110,301
Wirework, not elsewhere classified.	1925	402	19,208	23,835	50,004	115,420	55,826	35,043
	1923	443	10,783	19,330	62,280	100,248	47,908	31,017
	1921	413	11,486	13,314	37,039	66,385	20,316	(1)
	1919	568	15,224	15,500	50,764	90,549	39,796	29,036

^a Revised.

1 Not called for on schedule.

2 Similar products are manufactured to a large extent by steel works and rolling mills. The figures here given refer only to establishments engaged primarily in the manufacture of the specified classes of products.

3 The figures for 1925 are not comparable with those for prior censuses, because establishments engaged in welding (jobs or repairs), previously canvassed, were omitted for 1925.

4 Because of a change in classification, the statistics for 1921 and prior years are not strictly comparable with those for 1923 and 1925.

5 Classified in other industries for 1925.

SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 TO 1925

(Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years)

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manufac- ture	Horse- power
Total	1925	21,022	921,145	978,375	1,724,083	3,688,552	1,963,500	3,472,770
	1923	21,074	931,748	902,642	1,006,188	3,633,034	1,066,846	3,330,133
	1921	21,303	703,300	670,421	1,197,466	2,400,008	1,260,143	(1)
	1919	41,105	863,037	869,832	1,368,172	3,113,203	1,745,031	3,400,054
Basic Industries	1925	10,286	604,711	473,085	593,035	1,408,427	874,402	2,964,631
	1923	10,071	631,545	492,017	684,803	1,534,001	980,188	1,044,002
	1921	10,233	802,750	823,077	850,281	930,016	543,134	(1)
	1919	27,408	810,254	807,537	487,412	1,446,436	988,023	2,307,003
Excelsior	1925	72	1,300	1,180	2,573	4,001	2,328	11,903
	1923	76	1,285	1,200	2,760	5,862	2,596	10,039
	1921	79	1,087	978	2,735	4,218	1,458	(1)
	1919	98	1,242	1,148	2,523	4,918	2,391	10,332

See footnotes at end of table.

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SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 TO 1925—Contd.

(See note at head of this summary, p. 18)

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage- earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power								
Expressed in thousands of dollars																
Basic Industries—Con.																
Lumber and timber products, not elsewhere classified.	1925	6,207	473,008	460,716	670,476	1,421,102	841,687	2,040,500								
	1923	6,303	406,032	475,062	573,064	1,404,402	921,398	1,932,001								
	1921	6,002	364,247	513,487	577,027	902,501	524,574	(1)								
	1919	20,110	480,016	480,419	470,060	1,387,471	910,611	2,355,345								
Turpentine and resin.	1925	1,007	20,413	15,100	11,887	12,304	30,477	3,138								
	1923	1,203	34,328	16,449	8,073	35,167	26,194	1,932								
	1921	1,002	27,422	5,512	6,190	23,301	17,102	(1)								
	1919	1,101	28,007	16,073	13,030	53,051	30,121	2,270								
Wood-reworking industries.	1925	5,527	127,510	104,481	431,397	778,051	340,654	650,953								
	1923	4,903	120,230	161,673	430,001	762,017	331,026	553,302								
	1921	6,118	91,024	110,717	298,050	518,350	220,330	(1)								
	1919	6,309	102,004	100,747	324,705	558,080	233,084	460,846								
Lasts and related products.	1925	62	2,036	3,012	3,049	9,301	6,252	7,512								
	1923	64	2,258	3,123	3,197	9,000	6,703	6,906								
	1921	67	2,618	3,402	4,336	12,877	8,041	(1)								
	1919	64	2,010	3,410	3,033	12,471	8,638	6,530								
Lumber: Planing-mill products, not made in planing mills connected with sawmills.	1925	4,701	111,320	140,502	403,227	710,801	307,034	507,103								
	1923	4,215	103,008	133,320	401,174	602,784	201,010	403,424								
	1921	4,300	78,033	62,054	272,082	402,049	100,507	(1)								
	1919	5,309	80,066	61,077	200,200	500,438	201,172	417,070								
Window and door screens and weather strips.	1925	183	3,803	4,087	6,645	22,308	12,883	10,074								
	1923	105	3,087	4,107	9,600	21,286	11,680	9,515								
	1921	167	2,120	2,056	6,102	12,038	5,036	(1)								
	1919	214	2,179	2,047	4,807	10,033	0,030	7,515								
Wood, turned and carved..	1925	521	10,362	10,100	16,076	35,491	19,015	44,004								
	1923	610	11,286	10,026	17,056	38,077	21,022	43,388								
	1921	628	6,144	8,616	16,630	31,322	15,702	(1)								
	1919	722	10,649	9,807	10,600	34,847	18,238	38,722								
Wooden-container industries.	1925	1,702	57,001	55,073	142,774	240,012	100,838	102,281								
	1923	1,872	62,121	58,271	154,804	205,601	110,697	200,457								
	1921	1,872	51,023	45,704	125,884	201,770	78,015	(1)								
	1919	2,803	66,418	57,774	172,708	200,085	118,277	185,509								
Baskets and rattan and willow ware, not including furniture.	1925	230	6,808	5,033	6,758	16,058	0,000	12,704								
	1923	215	6,838	4,483	6,110	14,713	8,504	11,474								
	1921	198	4,708	3,051	5,230	11,241	0,011	(1)								
	1919	376	4,033	3,309	4,004	11,821	0,017	6,319								
Boxes, cigar, wooden.....	1925	155	4,830	3,967	5,460	12,025	7,475	5,210								
	1923	170	6,101	4,171	6,240	14,700	8,647	6,064								
	1921	171	4,667	3,728	6,778	14,317	7,630	(1)								
	1919	180	6,218	3,512	6,337	13,110	0,773	6,009								
Boxes, wooden, except cigar boxes.	1925	824	34,834	33,705	80,301	152,205	65,004	143,519								
	1923	804	30,164	30,404	94,080	102,868	68,778	149,410								
	1921	878	32,695	28,307	73,270	122,688	40,318	(1)								
	1919	1,140	42,445	30,811	102,046	177,818	74,872	143,583								
Cooperage.....	1925	663	11,483	12,008	44,170	67,735	23,560	30,758								
	1923	623	12,028	13,183	48,360	73,134	24,778	33,510								
	1921	626	9,870	10,108	40,580	55,633	10,047	(1)								
	1919	1,000	13,210	14,082	58,621	88,230	20,715	30,688								
Furniture and related industries.	1925	3,507	196,522	244,780	417,868	650,506	532,728	434,038								
	1923	3,430	181,946	222,408	472,338	851,440	479,111	500,877								
	1921	3,444	124,880	167,207	278,880	605,900	327,110	(1)								
	1919	3,873	182,783	186,121	200,833	639,818	348,982	288,013								
Billiard and pool tables, bowling alleys, and accessories.	1925	33	1,037	1,354	1,781	5,014	3,833	2,120								
	1923	32	870	1,401	2,229	6,226	4,007	2,897								
	1921	36	928	1,057	8,877	7,388	3,901	(1)								
	1919	49	2,101	2,425	6,101	15,738	9,032	6,261								

See footnotes at end of table.

SUMMARY FOR GROUP 4, LUMBER AND ALLIED PRODUCTS: 1919 to 1925—Contd.

(See note at head of this summary, p. 18)

INDUSTRY	Con- sus year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power	Expressed in thousands of dollars	
Furniture and related industries—Contd.										
Furniture	1925	8,235	180,805	225,200	384,508	808,140	483,038	402,519		
	1923	8,043	168,080	204,613	342,230	776,406	434,250	344,861		
	1921	8,033	124,311	144,110	263,546	560,164	206,619	(1)		
	1919	8,273	140,188	143,112	265,550	570,051	314,005	265,004		
Mirror and picture frames	1925	162	4,230	5,040	6,835	19,170	12,335	6,102		
	1923	223	4,408	5,761	6,178	16,042	12,404	4,497		
	1921	260	3,846	4,870	5,644	15,448	9,804	(1)		
	1919	429	4,708	4,776	7,227	18,385	11,158	4,659		
Refrigerators, ice	1925	107	9,360	12,580	24,744	57,066	32,022	23,297		
	1923	132	8,485	10,733	21,605	50,076	28,381	17,136		
	1921	116	8,891	7,161	16,314	36,010	16,006	(1)		
	1919	123	6,786	5,800	11,040	26,040	14,100	13,029		
Miscellaneous and allied industries	1925	770	88,434	40,347	130,080	241,800	102,867	121,807		
	1923	738	86,807	87,073	171,262	219,078	95,824	127,410		
	1921	720	81,820	82,720	107,700	141,438	80,018	(1)		
	1919	800	82,701	81,052	82,614	178,270	96,702	98,243		
Caskets, coffins, burial cases, and morticians' goods	1925	326	11,470	14,067	32,771	70,413	37,012	20,104		
	1923	327	11,603	13,334	31,541	65,558	34,017	27,340		
	1921	214	9,060	10,680	27,017	54,700	27,779	(1)		
	1919	361	11,890	11,461	81,805	64,377	32,782	22,190		
Cork products	1925	33	3,207	3,638	7,200	16,020	8,751	11,084		
	1923	30	3,478	3,604	8,046	16,500	7,020	10,052		
	1921	45	2,774	2,072	6,773	12,008	6,195	(1)		
	1919	62	3,645	3,387	9,135	10,282	7,147	8,556		
Matches	1925	25	4,027	4,707	12,913	23,741	10,828	10,314		
	1923	22	4,712	4,426	11,786	23,040	12,164	15,388		
	1921	22	4,539	4,280	13,240	30,274	17,034	(1)		
	1919	21	3,726	3,000	6,853	18,406	11,043	12,947		
Pulp goods	1925	35	8,017	3,707	10,286	20,270	9,984	11,338		
	1923	40	8,048	4,000	11,209	20,436	9,227	13,005		
	1921	60	4,718	5,022	16,282	31,213	14,001	(1)		
	1919	40	8,011	3,008	11,382	23,008	12,220	12,273		
Rules, wood, metal, and other	1923	11	210	218	230	760	620	714		
	1921	11	188	162	138	634	306	(1)		
	1919	13	108	142	134	481	347	200		
Wood preserving	1925	131	8,416	9,600	66,700	91,184	24,475	33,521		
	1923	103	6,520	6,878	60,130	71,083	20,044	37,008		
	1921	78	4,153	4,602	34,492	47,422	12,000	(1)		
	1919	73	3,978	4,342	23,242	33,230	9,007	16,104		
Wooden goods, not elsewhere classified	1925	200	4,506	4,072	9,000	20,238	11,178	20,446		
	1923	190	6,727	6,134	10,262	21,734	11,442	22,438		
	1921	190	6,402	4,002	9,058	20,231	10,203	(1)		
	1919	245	6,443	5,002	10,173	21,703	11,020	26,874		

1 Not called for on schedule.

2 Includes fixtures for stores, offices, and public buildings.

3 Includes data for "Show cases," heretofore treated as a separate industry but now combined with

"Furniture."

4 Classified in other industries for 1928.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 5, LEATHER AND ITS MANUFACTURES: 1910 TO 1925

(Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1910 but not in those for subsequent years)

INDUSTRY	Con- sum- er year	Num- ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu- facture	Horse- power	Expressed in thousands of dollars	
Total.....	1925	4,264	818,288	360,246	1,016,123	1,707,681	762,468	413,750		
	1923	4,808	844,646	388,030	1,043,346	1,880,085	700,740	412,908		
	1921	4,813	280,071	314,412	934,308	1,644,180	600,788	(1)		
	1910	6,307	349,302	303,463	1,713,800	2,610,231	800,426	382,537		
Leather: Tanned, curried, and finished.	1925	632	63,043	66,762	300,034	402,014	165,380	222,678		
	1923	697	60,703	78,784	321,760	488,808	167,148	230,187		
	1921	608	48,058	67,741	277,725	343,305	105,640	(1)		
	1910	680	72,470	88,208	646,521	928,502	282,071	217,761		
Finished products of leather.	1925	8,732	202,245	280,484	708,480	1,305,607	597,078	191,081		
	1923	4,271	204,842	314,446	701,605	1,301,187	620,692	182,811		
	1921	4,206	231,110	260,071	656,073	1,160,821	504,148	(1)		
	1910	8,717	270,880	278,248	1,047,286	1,081,030	614,354	164,776		
Belting, leather.....	1923	168	2,044	3,505	18,808	31,811	12,043	6,880		
	1921	160	3,100	3,808	24,600	37,723	13,154	6,075		
	1910	164	2,268	2,442	15,078	20,168	6,092	(1)		
		172	2,705	3,260	28,107	40,481	12,324	7,012		
Boot and shoe cut stock, not made in boot and shoe factories.	1925	214	7,197	7,078	66,040	84,220	18,574	7,860		
	1923	227	7,133	7,118	68,503	89,291	20,728	6,963		
	1921	226	7,049	7,013	66,923	72,932	15,769	(1)		
	1910	232	9,716	9,126	133,847	161,203	27,316	8,448		
Boot and shoe findings, not made in boot and shoe factories.	1925	320	8,605	9,006	20,248	52,004	22,810	15,410		
	1923	304	7,405	8,274	27,063	48,012	20,359	12,828		
	1921	314	6,917	6,000	22,031	30,117	16,186	(1)		
	1910	427	8,941	8,187	40,428	62,826	22,307	9,070		
Boots and shoes, other than rubber.	1925	1,400	206,912	225,748	481,032	925,383	443,751	130,560		
	1923	1,008	225,216	200,346	527,457	1,000,078	472,021	128,550		
	1921	1,005	183,602	204,064	478,432	807,476	380,044	(1)		
	1910	1,410	211,040	210,735	715,209	1,165,041	430,772	115,880		
Gloves and mittens, leather...	1924	247	8,378	7,814	20,021	37,104	17,143	3,862		
	1923	260	10,010	8,645	20,224	38,081	17,857	4,372		
	1921	272	7,107	5,843	13,844	24,465	11,011	(1)		
	1910	355	10,688	8,161	20,280	40,941	20,055	3,288		
Pocketbooks, purses, and card cases.	1925	100	6,820	6,022	22,442	43,105	20,003	1,350		
	1923	207	6,518	7,201	16,230	32,732	16,400	1,094		
	1921	115	2,716	3,224	6,221	13,086	8,804	(1)		
	1910	130	2,005	3,002	7,557	14,550	9,903	431		
Saddlery and harness.....	1925	268	4,570	5,000	18,770	30,084	11,308	5,021		
	1923	472	6,017	6,010	24,460	42,113	17,653	7,701		
	1921	563	4,489	4,907	17,005	30,164	12,499	(1)		
	1910	1,823	10,411	10,840	52,443	83,713	31,270	8,205		
Trunks, suitcases, and bags...	1925	476	10,348	13,226	31,382	61,224	29,842	7,803		
	1923	505	11,441	13,520	32,837	63,023	30,186	7,269		
	1921	504	8,712	10,200	23,885	46,840	22,066	(1)		
	1910	597	11,470	12,464	33,223	63,932	30,710	7,090		
Leather goods, not elsewhere classified.	1924	364	6,684	7,300	20,474	40,512	20,038	8,223		
	1923	401	7,882	8,944	19,500	40,134	20,538	4,002		
	1921	482	8,867	10,320	23,988	47,715	24,017	(1)		
	1910	303	8,946	9,418	30,080	58,968	22,917	8,840		

1Not called for on schedule.

CENSUS OF MANUFACTURES: 1925

SUMMARY FOR GROUP 6, RUBBER PRODUCTS: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power
Total-----	1925	498	141,121	190,563	718,840	1,255,414	536,574	656,857
	1923	529	137,868	182,084	501,163	958,518	457,355	605,634
	1921	496	103,273	123,613	377,879	704,903	327,024	(1)
	1919	477	158,549	193,764	504,343	1,138,216	543,873	429,273
Boots and shoes, rubber-----	1925	23	24,999	28,058	40,566	115,935	75,369	59,413
	1923	25	29,435	33,671	45,249	131,740	86,471	56,184
	1921	24	23,SSS	23,428	32,133	94,033	61,900	(1)
	1919	25	32,875	30,883	50,347	116,917	66,570	49,400
Rubber tires and inner tubes ¹ -----	1925	126	81,640	120,614	559,940	925,001	365,061	403,227
	1923	100	73,963	108,623	365,165	644,194	279,026	370,551
	1921	178	55,496	75,054	231,554	496,123	204,569	(1)
Rubber goods, not elsewhere classified. ² -----	1925	349	34,482	41,891	118,334	214,478	96,144	194,217
	1923	344	34,470	39,790	90,729	182,584	91,855	178,899
	1921	244	23,880	25,131	54,192	113,747	60,555	(1)
	1919	452	125,074	162,881	543,966	1,021,299	477,303	379,873

¹ Not called for on schedule.

² "Rubber tires and inner tubes" included in "Rubber goods, not elsewhere classified," for 1919.

³ Includes, for all years, "Belting and hose, rubber," formerly treated as a separate industry.

SUMMARY FOR GROUP 7, PAPER, PRINTING, AND RELATED INDUSTRIES: 1919 TO 1925

[The manufacture of engravers' materials, formerly classified in Group 16, is now classified in Group 7. The statistics for 1923 and earlier years have accordingly been adjusted by adding the figures for this industry. Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power
Total-----	1925	26,553	526,766	805,516	1,614,235	4,143,085	2,529,450	3,060,794
	1923	25,799	527,019	743,050	1,544,418	3,772,288	2,227,870	2,743,529
	1921	25,377	467,256	637,432	1,332,371	3,150,564	1,818,193	(1)
	1919	36,424	510,049	564,722	1,308,201	3,014,832	1,706,631	2,346,682
Paper and wood pulp-----	1925	763	123,842	160,146	605,860	971,882	366,022	2,427,010
	1923	746	120,677	151,477	573,727	97,***	338,620	2,178,624
	1921	738	105,204	127,029	445,902	687,436	221,444	(1)
	1919	729	113,759	135,691	467,483	783,060	320,577	1,849,699
Manufactures of paper-----	1925	1,931	93,834	98,683	300,800	553,529	257,729	136,982
	1923	1,907	93,866	93,544	289,220	524,126	234,906	124,664
	1921	1,837	76,290	71,537	208,050	383,747	177,667	(1)
	1919	1,919	90,497	73,526	240,589	440,586	200,277	109,692
Bags, paper, exclusive of those made in paper mills.	1925	66	5,585	5,524	20,957	45,978	16,021	6,414
	1923	64	4,686	4,587	23,375	42,272	12,897	6,108
	1921	57	3,707	3,476	20,797	41,190	11,393	(1)
	1919	75	4,168	3,881	33,350	47,284	13,914	4,429
Boxes, paper and other, not elsewhere classified.	1925	1,229	57,148	57,172	151,712	281,944	130,232	76,185
	1923	1,216	56,855	53,066	144,050	284,209	120,129	61,687
	1921	1,191	46,242	40,477	88,268	174,248	83,980	(1)
	1919	1,201	55,882	43,326	101,135	206,410	105,234	54,675
Card cutting and designing-----	1925	49	1,086	1,084	2,436	6,201	3,765	1,355
	1923	47	1,207	1,242	2,643	6,109	3,486	1,262
	1921	49	762	803	2,019	4,558	2,539	(1)
	1919	75	1,148	959	2,298	5,323	3,025	743

See foot note at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 7, PAPER, PRINTING, AND RELATED INDUSTRIES: 1919 TO 1925—Continued

[See note at head of this summary, p. 22]

INDUSTRY	Cen-sus-year	Num-ber of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-facture	Horse-power	Expressed in thousands of dollars	
Manufactures of paper—Con.										
Cardboard, not made in paper mills.	1925	13	978	1,188	3,475	7,288	3,813	1,795		
	1923	15	1,176	1,310	5,322	9,340	4,008	2,354		
	1921	20	1,157	1,172	3,914	7,642	3,728	(1)		
	1919	16	1,425	1,337	4,954	9,139	4,185	3,251		
Envelopes	1925	135	9,052	9,987	27,423	51,189	23,766	10,288		
	1923	132	9,241	9,525	27,528	50,752	23,224	9,904		
	1921	123	7,944	8,181	24,052	43,911	19,559	(1)		
	1919	106	8,129	6,650	21,965	39,664	17,699	7,124		
Labels and tags	1925	113	5,356	6,730	13,096	28,046	14,950	4,808		
	1923	103	5,048	6,224	12,130	26,023	13,893	4,538		
	1921	89	4,152	4,777	8,820	18,548	10,718	(1)		
	1919	119	5,227	4,550	11,275	24,244	12,989	4,033		
Paper patterns	1925	16	1,243	1,595	2,001	13,666	11,665	813		
	1923	19	929	1,098	1,174	9,239	8,055	971		
	1921	18	816	814	1,338	10,711	9,193	(1)		
	1919	19	403	374	317	1,528	1,211	68		
Paper goods, not elsewhere classified.	1925	310	13,386	15,403	70,700	124,217	53,517	35,324		
	1923	311	14,724	15,802	66,958	116,162	49,204	37,840		
	1921	290	11,510	11,807	49,872	84,129	34,257	(1)		
	1919	308	14,135	12,667	65,285	104,235	41,990	33,869		
Printing and publishing and allied industries.	1925	22,725	296,324	502,114	673,985	2,482,065	1,808,080	458,842		
	1923	22,122	291,029	459,856	647,975	2,222,537	1,574,562	403,104		
	1921	21,850	285,081	407,687	647,298	1,949,915	1,352,619	(1)		
	1919	32,476	287,278	331,519	571,510	1,036,789	1,128,279	361,124		
Bookbinding and blank-book making.	1925	970	20,838	26,006	24,127	51,600	57,473	16,147		
	1923	965	20,728	25,216	23,073	53,950	53,886	15,539		
	1921	869	17,405	20,318	19,886	53,354	43,968	(1)		
	1919	1,113	20,381	18,659	23,235	51,921	42,786	11,037		
Engraving, steel and copper-plate, and plate printing.	1925	368	7,259	10,168	7,628	32,106	24,478	5,764		
	1923	377	7,329	10,185	7,957	32,451	24,594	5,788		
	1921	362	7,156	9,612	7,609	23,779	21,170	(1)		
	1919	421	7,014	7,908	6,981	24,209	17,228	5,353		
Lithographing	1925	331	16,957	27,107	32,171	65,721	66,550	23,623		
	1923	328	16,317	25,067	31,009	61,671	60,662	26,809		
	1921	298	13,971	21,085	30,522	74,472	48,930	(1)		
	1919	331	15,618	18,201	27,718	74,451	45,433	18,550		
Printing and publishing	1925	21,056	251,272	438,833	610,059	2,260,638	1,659,579	408,208		
	1923	20,452	246,455	399,338	558,936	2,021,358	1,435,420	357,048		
	1921	20,318	229,489	356,672	589,279	1,827,810	1,238,531	(1)		
	1919	30,611	244,285	286,761	513,576	1,581,408	1,022,832	320,184		
Other industries related to printing and publishing.	1925	1,134	22,766	44,573	33,590	120,209	97,619	37,960		
	1923	1,024	21,447	38,173	33,496	116,278	84,782	35,048		
	1921	952	17,591	31,179	31,003	97,466	66,463	(1)		
	1919	1,300	18,515	23,986	28,619	91,117	57,498	26,167		
Engravers' materials	1925	16	177	276	1,202	2,014	812	921		
	1923	24	224	392	1,359	2,303	944	832		
	1921	22	184	302	1,046	1,817	771	(1)		
	1919	21	174	212	1,484	2,248	764	733		
Engraving (other than steel, copperplate, or wood), chiseling, etching, and diesinking.	1925	188	1,827	2,691	2,177	9,623	6,446	1,753		
	1923	210	1,887	2,853	2,820	9,121	6,301	2,345		
	1921	193	1,276	1,761	1,397	4,850	3,453	(1)		
	1919	478	1,878	2,391	1,927	7,350	5,423	1,750		
Engraving, wood	1925	22	117	234	46	525	479	32		
	1923	24	141	214	42	524	482	26		
	1921	24	131	219	139	628	489	(1)		
	1919	55	235	407	219	1,154	935	67		

See footnote at end of table.

SUMMARY FOR GROUP 7, PAPER, PRINTING, AND RELATED INDUSTRIES: 1919 TO 1925—Continued

[See note at head of this summary, p. 22]

INDUSTRY	Cen-sus-year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Other industries related to printing and publishing—Continued.										
Photo-engraving, not done in printing establishments.	1925	577	9,868	24,321	8,393	58,640	50,247	6,735		
	1923	450	8,521	18,659	6,606	43,600	37,054	5,786		
	1921	421	8,971	15,046	5,929	36,215	30,286	(1)		
	1919	422	6,769	10,424	5,038	29,389	24,351	3,800		
Printing materials, not including type or printing ink.	1925	71	883	1,370	1,787	6,526	4,739	1,981		
	1923	68	560	844	1,163	4,806	3,643	1,062		
	1921	74	816	1,153	1,714	5,319	3,605	(1)		
	1919	82	723	799	1,620	4,919	3,299	1,351		
Stereotyping and electro-typing, not done in printing establishments.	1925	193	4,233	9,206	4,280	22,361	18,081	13,774		
	1923	179	4,096	8,334	3,806	20,596	16,790	12,313		
	1921	157	3,617	7,082	3,746	17,359	13,613	(1)		
	1919	171	3,664	5,003	4,235	15,919	11,684	9,498		
Type founding-----	1925	18	537	603	706	2,451	1,745	1,236		
	1923	18	606	646	709	2,512	1,803	1,438		
	1921	18	608	634	696	2,130	1,424	(1)		
	1919	23	810	868	943	2,090	1,147	845		
Wall paper-----	1925	49	5,069	5,863	14,099	30,069	15,070	11,528		
	1923	51	5,412	6,221	16,991	34,756	17,765	11,246		
	1921	43	3,988	4,982	16,336	29,148	12,812	(1)		
	1919	48	4,282	3,882	13,153	23,048	9,895	8,123		

¹ Not called for on schedule.

SUMMARY FOR GROUP 8, CHEMICALS AND ALLIED PRODUCTS: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus-year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Total-----										
	1925	8,871	381,075	506,386	4,184,911	6,438,027	2,253,116	2,984,913		
	1923	8,832	334,493	501,205	3,680,407	5,706,863	2,026,450	2,739,519		
	1921	8,894	314,231	404,300	3,111,425	4,594,777	1,483,352	(1)		
	1919	12,405	460,641	550,262	3,903,873	6,090,949	2,187,076	2,424,938		
Chemicals and allied products other than mineral fuels.	1925	7,356	245,562	297,542	1,830,050	3,227,276	1,388,217	1,753,476		
	1923	7,249	247,130	289,663	1,710,204	2,946,146	1,235,942	1,657,200		
	1921	7,398	200,016	224,867	1,358,211	2,234,828	876,617	(1)		
	1919	10,785	329,525	365,454	2,274,147	3,812,621	1,538,474	1,722,699		
Alcohol, ethyl-----	1925	31	1,395	1,838	38,565	57,706	19,141	10,268		
	1923	30	1,002	1,474	17,770	33,000	15,230	8,129		
	1921	33	1,141	1,627	22,209	28,759	6,520	(1)		
	1919	34	1,380	1,717	19,656	31,854	12,198	16,494		
Ammunition and related products.	1925	27	7,777	7,987	22,920	41,707	18,887	23,316		
	1923	27	10,470	10,817	27,741	51,509	23,768	23,172		
	1921	28	8,370	7,898	16,006	32,350	16,344	(1)		
	1919	42	22,816	23,588	38,102	88,038	49,936	39,128		
Baking powders, yeast, and other leavening compounds.	1925	49	2,931	4,063	23,376	74,593	51,217	36,633		
	1923	57	3,507	4,920	21,657	51,691	30,084	35,845		
	1921	62	3,557	4,479	24,666	52,886	28,220	(1)		
	1919	88	3,331	3,554	26,635	46,230	19,595	20,071		

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 8, CHEMICALS AND ALLIED PRODUCTS: 1919 TO 1925—Con.

[See note at head of this summary, p. 24]

INDUSTRY	Cen-sus year	Num-ber of estab- lish- ments	Wage earners (average number)	Wages	Cost of ma- terials	Value of prod- ucts	Value added by manu- facture	Horse- power
Expressed in thousands of dollars								
Chemicals and allied products other than mineral fuels—Continued.								
Blacking, stains, and dressings.	1925	171	1,869	2,165	9,733	25,055	15,322	2,659
	1923	175	2,165	2,170	10,253	25,522	15,569	2,792
	1921	173	1,666	1,522	9,362	18,453	9,091	(1)
	1919	220	2,455	2,109	14,042	25,284	11,242	2,446
Bluing.	1925	23	176	185	1,017	2,167	1,150	366
	1923	25	188	188	800	1,643	843	296
	1921	33	226	203	1,018	1,883	865	(1)
	1919	57	360	285	1,543	2,731	1,188	423
Bone black, carbon black, and lampblack.	1925	66	1,505	1,722	5,655	14,565	8,910	7,289
	1923	68	1,303	1,461	5,295	14,690	9,305	5,567
	1921	45	826	980	3,745	8,181	4,438	(1)
	1919	35	675	808	2,848	6,186	3,338	1,857
Candles.	1925	20	626	673	2,786	5,114	2,328	922
	1923	21	746	754	2,583	5,080	2,657	912
	1921	20	609	589	2,091	3,777	1,686	(1)
	1919	19	541	438	2,179	3,351	1,172	597
Chemicals, not elsewhere classified. ²	1925	715	55,604	80,435	271,646	547,003	275,357	657,867
	1923	735	74,807	99,845	316,901	630,870	313,969	660,327
	1921	692	46,306	58,024	190,502	350,768	200,266	(1)
	1919	751	71,249	94,250	280,298	574,141	293,843	445,203
Cleaning and polishing preparations.	1925	299	2,161	2,660	12,707	34,020	21,313	6,279
	1923	298	2,376	2,746	13,600	35,443	21,843	6,698
	1921	279	1,657	1,805	10,959	23,178	12,219	(1)
	1919	490	1,955	1,698	12,923	26,703	13,780	4,510
Drug grinding.	1925	22	622	710	4,921	8,446	3,525	4,380
	1923	24	750	893	6,555	10,502	4,907	4,958
	1921	28	840	1,005	6,805	10,086	3,281	(1)
	1919	31	1,347	1,526	11,557	16,938	5,381	6,725
Druggists' preparations.	1925	370	9,685	11,078	36,064	95,420	50,356	12,553
	1923	380	8,966	9,186	33,304	79,143	45,779	11,256
	1921	403	10,838	11,937	34,574	81,696	47,124	(1)
	1919	524	15,588	12,162	55,138	114,594	59,456	12,670
Explosives.	1925	103	5,697	7,731	37,877	69,669	31,792	37,908
	1923	106	6,388	9,112	39,496	75,029	35,533	35,231
	1921	109	4,478	6,610	30,644	59,175	28,531	(1)
	1919	113	9,249	12,505	45,911	82,475	46,564	51,635
Fertilizers.	1925	587	19,044	17,743	137,808	206,773	68,985	152,193
	1923	573	18,572	16,385	127,980	183,088	55,109	161,774
	1921	588	16,898	16,026	144,978	191,375	35,397	(1)
	1919	600	26,206	25,383	185,011	251,144	96,103	125,839
Fireworks.	1925	41	1,446	1,429	2,399	6,081	3,632	1,148
	1923	38	1,224	1,156	1,831	4,977	3,146	941
	1921	37	1,220	1,116	1,917	4,727	2,810	(1)
	1919	57	1,222	995	2,108	4,630	2,522	1,005
Glue and gelatin.	1925	55	3,325	3,976	15,398	25,764	10,426	22,807
	1923	50	3,651	4,076	14,591	24,365	9,775	24,703
	1921	47	2,915	3,573	13,402	21,342 ^b	7,940	(1)
	1919	62	4,264	4,777	19,280	32,134	12,854	16,979
Grease and tallow, not including lubricating greases.	1925	263	5,303	7,508	33,713	51,442	17,729	30,840
	1923	254	5,248	7,004	31,275	48,634	17,358	26,275
	1921	265	4,428	5,429	17,787	27,206	9,419	(1)
	1919	482	6,647	7,954	47,756	67,265	19,509	25,544
Ink, printing.	1925	109	2,150	3,346	16,253	24,753	18,500	17,041
	1923	99	1,975	2,859	14,779	29,412	14,633	14,703
	1921	97	1,676	2,470	10,644	29,869	10,223	(1)
	1919	90	1,988	2,575	14,661	31,244	11,582	10,229
Ink, writing.	1925	28	524	596	2,424	6,084	3,660	700
	1923	31	578	635	2,653	6,107	3,454	635
	1921	33	504	546	2,062	4,980	2,918	(1)
	1919	61	702	596	3,320	6,434	3,114	610

See footnotes at end of table.

SUMMARY FOR GROUP 8, CHEMICALS AND ALLIED PRODUCTS: 1919 TO 1925—Con.

[See note at head of this summary, p. 24]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-			
	year	estab-	(average							thousands of dollars
Expressed in thousands of dollars										
Chemicals and allied products other than mineral fuels—Continued.										
Liquors, malt	1919	729	34,259	45,171	94,792	370,905	285,113	322,130		
Liquors, vinous	1925	27	265	282	1,705	3,436	1,671	1,499		
	1923	38	515	521	2,939	5,831	2,872	2,935		
	1921	72	415	417	1,693	4,757	3,064			
	1919	342	1,011	1,014	8,116	17,454	9,338	5,189		
Lubricating greases, not made in petroleum refineries	1925	53	607	820	6,796	13,239	6,443	3,867		
	1923	52	603	829	7,260	12,581	5,324	2,972		
	1921	50	420	534	5,309	8,912	3,603			
	1919	53	472	570	4,808	8,809	4,061	2,178		
Mucilage, paste, and other adhesives, not elsewhere classified	1925	105	704	962	7,234	12,661	5,427	3,702		
	1923	101	663	885	5,976	10,621	4,645	3,204		
	1921	98	757	970	5,015	9,930	4,915			
	1919	127	803	850	7,093	11,230	4,137	3,202		
Oil, cake, and meal, cotton-seed	1925	535	16,215	11,412	244,315	205,655	51,370	239,005		
	1923	511	12,745	7,908	197,515	226,388	28,873	223,742		
	1921	610	16,168	72,340	194,864	217,225	22,361			
	1919	711	26,766	20,615	495,192	581,245	86,083	289,981		
Oil, cake, and meal, linseed	1925	33	2,692	4,290	121,762	140,514	18,752	25,869		
	1923	34	2,631	3,784	102,690	113,221	10,531	21,674		
	1921	28	2,073	3,019	58,452	71,032	12,580			
	1919	26	2,173	3,053	100,578	120,038	20,060	17,621		
Oils, essential	1925	14	178	281	4,363	5,882	1,519	1,164		
	1923	17	170	237	2,286	3,184	928	1,388		
	1921	27	299	364	2,548	3,421	873			
	1919	78	321	391	3,903	5,698	1,795	1,533		
Oils, not elsewhere classified	1925	191	3,615	4,963	85,202	117,776	32,574	17,989		
	1923	211	4,271	5,460	84,201	118,158	33,557	18,431		
	1921	215	3,535	3,880	74,550	93,275	18,725			
	1919	280	5,930	6,141	119,271	136,480	37,209	30,067		
Paints and varnishes	1925	923	25,490	35,420	293,943	470,736	176,793	143,111		
	1923	826	22,818	20,871	248,955	404,135	135,180	114,281		
	1921	504	18,015	23,293	171,398	274,310	102,912			
	1919	830	21,507	24,118	217,112	340,347	123,235			
Patent medicines and compounds	1925	1,279	14,802	15,592	84,780	247,564	162,774	33,840		
	1923	1,363	17,353	16,915	88,802	237,494	148,692	29,998		
	1921	1,436	13,800	13,684	69,571	175,898	106,327			
	1919	2,467	17,444	13,749	88,819	212,162	123,343	25,409		
Perfumery, cosmetics, and toilet preparations	1925	594	8,714	8,537	46,933	129,510	82,577	7,381		
	1923	465	7,671	7,102	37,636	100,241	62,605	6,502		
	1921	422	5,888	5,358	28,013	72,541	44,598			
	1919	569	5,405	3,983	26,117	59,613	33,466	2,196		
Rayon	1925	14	19,128	22,976	18,478	88,061	69,583	66,968		
Salt	1925	70	6,303	7,261	13,849	34,253	20,404	54,647		
	1923	75	6,809	8,130	16,477	36,837	20,360	58,101		
	1921	79	5,993	7,148	16,407	33,158	16,751			
	1919	86	6,495	7,353	16,028	37,514	21,486	42,051		
Soap	1925	272	15,406	18,526	184,873	278,273	93,400	56,697		
	1923	270	17,002	20,777	173,548	276,403	102,557	74,820		
	1921	283	16,558	18,865	150,356	240,195	89,839			
	1919	348	20,436	21,228	233,519	316,740	73,321	33,700		
Sulphuric, nitric, and mixed acids	1925	36	2,196	3,103	11,068	23,307	12,241	22,120		
	1923	37	2,357	3,456	11,050	24,405	12,710	19,131		
	1921	36	2,632	4,137	9,770	21,463	11,693			
	1919	39	4,961	7,917	15,857	31,471	15,614	30,637		
Tanning materials, natural dyestuffs, mordants and assistants, and sizes	1925	125	2,495	2,987	22,763	34,784	12,021	32,634		
	1923	125	3,243	3,801	24,033	35,972	11,939	32,833		
	1921	123	2,993	3,068	20,106	28,311	8,205			
	1919	144	4,342	4,735	34,593	53,744	19,151	34,295		

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 8, CHEMICALS AND ALLIED PRODUCTS: 1919 TO 1925—Con.

[See note at head of this summary, p. 24]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-	
		estab-	(average					
Expressed in thousands of dollars								
Chemicals and allied products other than mineral fuels—Continued.								
Wood distillation and charcoal manufacture.	1925	106	4,217	4,305	15,824	25,283	9,459	17,907
	1923	123	4,123	4,325	17,269	29,695	12,426	14,810
	1921	108	2,130	1,914	6,728	9,677	2,949	(1)
	1919	156	6,155	5,466	20,321	33,185	12,814	15,320
Mineral fuels.	1925	1,515	135,513	208,844	2,345,852	3,210,751	864,899	1,231,437
	1923	1,583	137,363	211,542	1,979,203	2,760,720	790,517	1,082,319
	1921	1,496	114,215	179,433	1,753,214	2,359,949	606,735	(1)
	1919	2,020	131,116	184,808	1,620,726	2,278,328	645,602	702,239
Coke, not including gas-house coke.	1925	237	23,191	36,762	277,751	378,634	100,883	409,552
	1923	202	28,384	48,108	354,030	516,923	162,893	332,560
	1921	176	16,070	23,533	188,791	221,313	52,522	(1)
	1919	278	29,310	42,299	224,267	316,510	92,249	224,879
Gas, manufactured, illuminating and heating.	1925	919	46,998	67,437	178,423	455,460	277,037	428,132
	1923	939	42,282	59,600	191,120	450,097	258,977	358,605
	1921	954	34,956	53,308	202,253	411,196	205,943	(1)
	1919	1,022	42,908	52,759	157,551	329,279	171,728	238,454
Petroleum refining.	1925	359	65,324	104,645	1,889,078	2,377,657	486,979	393,753
	1923	382	66,717	103,534	1,425,053	1,793,700	368,647	391,154
	1921	368	63,189	102,294	1,382,170	1,727,440	345,270	(1)
	1919	320	58,880	89,750	1,247,908	1,632,533	384,625	238,906

¹ Not called for on schedule.² "Rayon" included in "Chemicals, not elsewhere classified," for 1923 and prior years.³ Includes data for 183 establishments classified under "Coal-tar products" for 1919.⁴ Included in "Beverages" for 1925, 1923, and 1921.

SUMMARY FOR GROUP 9, STONE, CLAY, AND GLASS PRODUCTS: 1919 TO 1925

{Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years. See headnote to summary for Group 2, p. 11}

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-	
		estab-	(average					
Expressed in thousands of dollars								
Total.	1925	8,478	353,036	467,012	603,427	1,640,652	1,037,225	2,348,157
	1923	8,317	351,092	453,507	573,473	1,563,121	989,648	1,936,054
	1921	8,347	252,090	307,065	428,257	1,033,089	604,882	(1)
	1919	12,599	302,810	322,725	422,612	1,111,747	689,185	1,584,917
Industries using stone as a material.	1925	4,852	123,609	178,644	300,793	779,032	478,239	1,365,906
	1923	4,621	118,560	167,466	273,369	697,461	424,092	1,071,210
	1921	4,752	84,565	109,534	212,557	464,613	252,056	(1)
	1919	7,969	93,881	108,521	195,407	457,760	262,353	796,150
Asbestos products, other than steam packing or pipe and boiler covering. ¹	1925	49	6,129	7,692	19,225	36,274	17,049	22,918
	1923	56	6,078	6,640	20,027	36,820	16,793	26,855
	1921	40	2,026	1,948	6,076	13,030	6,954	(1)
	1919	46	3,654	3,732	12,948	23,978	11,030	9,657
Cement.	1925	145	38,437	53,911	114,169	300,895	186,726	371,050
	1923	133	35,091	49,708	100,767	264,099	163,332	342,840
	1921	125	26,231	34,416	102,360	203,627	101,267	(1)
	1919	123	25,524	33,195	78,510	173,265	95,755	488,808
Concrete products.	1925	1,666	14,722	20,761	27,792	75,214	47,422	38,361
	1923	1,128	10,766	14,834	20,485	53,602	33,117	30,748
	1921	1,123	6,984	8,691	13,483	31,768	18,285	(1)
	1919	2,785	8,378	9,311	18,913	33,664	19,751	22,178

1 Not called for on schedule.

SUMMARY FOR GROUP 9, STONE, CLAY, AND GLASS PRODUCTS: 1919 TO 1925—
Continued

[See note at head of this summary, p. 27]

INDUSTRY	Cen-sus year	Num-ber of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Industries using stone as a material—Continued.										
Emery wheels and other abrasive and polishing appliances.	1925	63	3,352	4,770	11,105	25,731	14,626	11,654		
	1923	57	3,505	4,708	10,698	25,307	14,609	11,530		
	1921	53	2,849	2,878	6,184	12,559	6,375	(1)		
	1919	60	5,601	5,879	12,223	30,949	18,721	12,963		
Grindstones, pulpstones, and millstones.	1925	21	454	560	292	1,631	1,339	3,005		
	1923	21	647	691	560	2,096	1,536	3,896		
	1921	17	503	515	458	1,499	1,041	(1)		
	1919	35	712	642	270	1,436	1,166	3,763		
Hones, whetstones, and similar products.	1925	6	156	158	394	787	393	891		
	1923	8	166	172	179	546	367	1,151		
	1921	7	95	93	97	300	203	(1)		
	1919	11	212	203	320	794	474	1,164		
Lime.	1925	233	12,095	14,002	20,049	50,736	30,687	87,871		
	1923	301	12,290	13,522	19,700	47,241	27,544	74,205		
	1921	292	10,345	9,802	14,214	31,015	16,801	(1)		
	1919	476	11,405	10,860	14,297	33,971	19,674	51,735		
Marble, slate, and stonework.	1925	2,356	36,575	59,503	66,976	193,047	126,071	240,297		
	1923	2,691	40,056	61,569	66,883	191,538	124,655	213,183		
	1921	2,925	30,280	44,135	53,067	137,241	84,174	(1)		
	1919	4,210	32,768	38,355	49,524	128,165	79,641	169,177		
Sand-lime brick.	1925	41	801	1,110	1,238	3,760	2,522	6,396		
	1923	31	582	698	916	2,403	1,462	4,332		
	1921	26	374	361	501	1,220	719	(1)		
	1919	32	504	502	575	1,663	1,088	4,353		
Wall plaster, wall board, and floor composition.	1925	222	10,078	16,078	39,553	99,957	51,404	92,863		
	1923	195	9,289	14,894	33,124	73,801	40,677	62,520		
	1921	144	4,898	6,997	16,117	32,354	16,237	(1)		
	1919	161	5,123	5,833	11,822	26,875	15,053	32,356		
Industries using clay as a material.	1925	2,688	150,953	189,011	155,938	502,770	346,832	700,775		
	1923	2,734	151,176	185,282	155,034	497,812	342,778	613,802		
	1921	2,624	100,827	120,200	108,774	310,056	207,282	(1)		
	1919	3,457	122,930	127,703	109,568	342,829	233,261	572,145		
China firing and decorating, not done in potteries.	1925	31	333	386	672	1,590	.918	38		
	1923	33	355	460	609	1,493	884	49		
	1921	34	325	398	504	1,242	738	(1)		
	1919	43	244	244	311	867	556	43		
Clay products (other than pottery) and nonclay refractories. ⁴	1925	1,939	102,777	127,127	100,013	333,730	233,717	517,204		
	1923	1,983	102,723	128,773	103,318	333,416	230,098	480,576		
	1921	1,881	68,759	73,726	68,276	194,329	126,053	(1)		
	1919	2,414	76,915	78,256	67,488	208,423	140,935	405,157		
Crucibles.	1925	11	284	381	755	2,092	1,337	1,476		
	1923	13	516	627	1,226	3,468	2,242	1,647		
	1921	17	412	496	827	1,970	1,143	(1)		
	1919	22	848	923	2,233	5,294	3,061	2,714		
Graphite, ground and refined.	1925	11	228	273	1,328	2,569	1,241	2,927		
	1923	8	244	304	1,082	2,184	1,102	2,700		
	1921	11	152	185	703	1,457	754	(1)		
	1919	24	497	434	1,093	2,240	1,147	2,445		
Minerals and earths, ground or otherwise treated.	1925	250	8,762	9,882	17,165	42,381	25,216	127,649		
	1923	243	8,707	10,168	13,301	35,300	22,008	83,471		
	1921	272	6,887	7,298	11,522	28,174	14,652	(1)		
	1919	419	14,426	16,310	16,270	46,067	29,797	127,064		
Pottery, including porcelain ware.	1925	309	36,536	46,769	33,926	111,078	77,152	50,141		
	1923	304	36,824	46,706	33,600	114,392	80,792	44,532		
	1921	271	28,458	35,356	25,227	84,217	58,990	(1)		
	1919	340	27,934	29,820	20,794	74,919	54,125	29,040		

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 9, STONE, CLAY, AND GLASS PRODUCTS: 1919 TO 1925—Continued

[See note at head of this summary, p. 27]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-	
		estab-	(average					
Industries using clay as a material—Continued.								
Statuary and art goods, factory product.	1925	137	2,033	4,168	2,079	9,330	7,251	1,340
	1923	150	1,807	3,244	1,898	7,464	6,652	867
	1921	138	1,634	2,741	1,715	6,667	4,962	(7)
	1919	195	1,466	1,716	1,379	5,013	3,646	883
Glass and manufactures of glass.								
	1925	938	78,384	99,357	146,690	358,830	212,154	287,476
	1923	922	81,956	100,819	145,070	367,914	222,778	250,962
	1921	971	61,798	77,031	104,223	252,420	145,494	(7)
	1919	1,173	86,599	98,581	117,637	211,158	138,521	216,613
Glass.								
	1925	310	69,371	86,726	113,652	205,990	182,307	271,639
	1923	333	73,335	89,898	113,170	209,553	186,183	286,598
	1921	329	54,748	68,224	86,036	215,471	127,433	(7)
	1919	371	77,520	87,527	90,780	261,884	171,164	261,338
Glass cutting, staining, and ornamenting.								
	1925	410	4,860	6,517	13,331	27,943	14,612	3,881
	1923	434	5,157	6,042	11,809	23,627	13,218	4,742
	1921	462	4,682	5,874	10,568	22,239	11,404	(7)
	1919	616	6,480	6,155	14,338	29,113	14,085	5,842
Mirrors, framed and unframed.								
	1925	218	4,153	6,104	19,713	34,948	15,235	6,306
	1923	3,464	4,424	20,091	33,408	13,377	5,723	
	1921	180	2,368	3,233	10,082	16,730	6,528	(7)
	1919	186	2,599	2,819	12,499	20,831	8,323	4,388

1 Not called for on schedule.

2 Includes asbestos textiles, formerly classified as a separate industry in Group 2.

3 Statistics not strictly comparable with those for 1923 and 1925.

4 Formerly reported as "Brick, tile, and terra-cotta and fire-clay products."

SUMMARY FOR GROUP 10, METALS AND METAL PRODUCTS, OTHER THAN IRON AND STEEL: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1925 but not in those for subsequent years]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-	
		estab-	(average					
Total.								
	1925	6,924	275,292	380,781	1,916,777	2,823,770	855,905	1,158,496
	1923	7,433	296,911	324,624	1,767,672	2,624,624	865,939	1,165,869
	1921	7,801	212,354	246,251	888,840	1,456,573	521,855	(7)
	1919	10,346	304,185	328,658	1,737,624	2,517,417	746,366	944,779
Metals.								
	1925	1,205	66,393	95,936	400,183	688,795	198,615	278,665
	1923	1,223	67,972	93,384	446,656	884,173	197,457	286,901
	1921	1,115	42,899	50,380	202,052	297,607	95,345	(7)
	1919	1,329	78,919	98,925	417,639	613,977	196,948	266,671
Babbitt metal, white metal, type metal, and solder.	1925	67	1,405	2,221	44,081	56,600	6,369	3,867
	1923	83	1,497	1,969	55,994	41,847	7,123	4,904
	1921	98	1,372	1,880	22,357	26,231	3,909	(7)
	1919	118	2,372	2,882	45,844	58,617	10,173	6,829
Brass, bronze, and other non-ferrous alloys, and manufacturers of these alloys and of copper, not specifically classified. ¹	1925	1,044	62,912	90,613	327,641	519,725	182,084	261,397
	1923	1,035	61,713	88,829	231,756	511,479	179,714	260,869
	1921	911	39,830	46,260	130,627	214,904	64,277	(7)
	1919	1,092	75,051	94,132	304,824	482,313	177,489	266,373
Gold, silver, and platinum, reducing and refining, not from the ore.	1923	65	1,258	2,166	88,867	95,213	6,378	4,876
	1921	77	961	1,361	63,080	71,923	6,620	4,920
	1919	87	644	494	45,737	55,483	5,746	3,343

See footnotes at end of table.

CENSUS OF MANUFACTURES: 1925

SUMMARY FOR GROUP 10, METALS AND METAL PRODUCTS, OTHER THAN IRON AND STEEL: 1919 TO 1925—Continued

[See note at head of this summary, p. 29]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power								
Expressed in thousands of dollars																
Metals—Continued.																
Lead: Bar, pipe, and sheet	1923	29	723	986	10,594	23,180	3,586	4,090								
	1923	29	861	1,215	15,887	19,295	3,408	4,488								
	1921	29	882	1,109	8,014	10,474	2,460	(1)								
	1919	32	852	1,067	13,034	17,174	3,540	5,537								
Smelting and refining	1925	173	35,936	52,627	981,326	1,149,264	167,938	474,336								
	1923	130	40,601	59,384	851,738	949,954	148,216	555,814								
	1921	145	20,214	26,677	378,364	445,182	66,818	(1)								
	1919	192	41,737	58,742	859,432	1,022,340	132,908	464,503								
Copper	1925	26	15,588	22,642	573,190	665,177	91,987	326,509								
	1923	29	16,777	25,450	551,100	625,433	71,333	332,913								
	1921	28	8,293	11,199	205,904	234,895	28,991	(1)								
	1919	31	17,345	25,723	534,410	631,102	66,692	321,610								
Lead	1925	17	6,115	9,001	254,881	283,043	28,162	47,219								
	1923	20	6,194	8,768	207,315	227,735	20,420	42,377								
	1921	23	4,509	5,058	134,061	150,594	16,533	(1)								
	1919	25	6,438	9,180	179,374	196,795	17,421	49,668								
Metals other than gold, silver, or platinum, not from the ore	1925	102	2,944	4,679	69,263	82,138	12,875	14,240								
	1923	41	1,547	2,224	29,049	35,755	6,736	9,654								
	1921	60	1,200	1,528	10,032	15,150	5,118	(1)								
	1919	81	2,167	3,093	40,676	50,246	9,570	7,921								
Metals, not elsewhere classified	1923	4	257	387	4,541	5,382	841	1,144								
	1921	5	434	758	4,055	7,060	3,005	(1)								
	1919	13	2,041	2,903	14,957	20,074	5,117	11,700								
Zinc	1925	28	11,280	16,305	83,992	118,906	34,914	86,308								
	1923	35	11,918	16,896	64,134	94,184	30,050	69,983								
	1921	29	5,778	7,244	24,312	37,488	13,171	(1)								
	1919	39	13,796	17,753	70,015	104,123	34,108	73,604								
Metal products	1925	5,097	160,626	226,914	472,727	933,267	510,540	294,492								
	1923	3,634	181,574	235,851	406,025	977,607	511,582	284,556								
	1921	0,149	146,911	175,631	383,464	656,043	352,579	(1)								
	1919	8,310	180,465	197,177	427,914	870,700	442,736	200,408								
Aluminum manufactures	1925	127	14,353	19,753	84,985	127,831	42,846	62,366								
	1923	119	16,258	19,844	86,659	106,930	40,271	58,272								
	1921	87	9,584	10,836	25,953	45,822	19,869	(1)								
	1919	83	11,402	13,327	49,272	75,278	26,066	30,280								
Bells	1923	9	218	226	328	702	464	426								
	1921	9	203	200	277	645	368	(1)								
	1919	10	231	205	400	951	501	783								
Clocks, time-recording devices, and clock movements	1925	45	7,945	9,238	8,920	29,379	20,450	8,614								
	1923	38	9,359	9,579	8,172	28,553	20,381	8,285								
	1921	37	6,535	6,558	6,591	17,750	11,159	(1)								
	1919	46	8,252	7,582	7,178	23,380	16,202	6,952								
Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified	1925	2,107	24,996	37,825	84,080	175,043	90,963	35,273								
	1923	2,524	28,852	42,418	98,507	188,908	95,401	34,248								
	1921	3,105	25,172	36,562	75,896	148,776	72,880	(1)								
	1919	4,766	27,640	33,867	80,898	160,314	79,416	24,130								
Fire extinguishers, chemical	1925	26	842	1,131	4,122	8,037	3,915	1,440								
	1923	26	762	847	3,366	6,152	2,788	1,235								
	1921	31	556	626	2,081	4,254	2,173	(1)								
	1919	32	777	751	2,693	5,563	2,870	855								
Gas and electric fixtures, not including lamps and reflectors	1925	329	11,565	16,534	28,249	68,841	40,592	13,728								
	1923	350	12,315	15,651	25,968	61,750	35,784	13,818								
	1921	308	9,419	11,060	18,788	42,830	24,102	(1)								
	1919	341	9,795	9,802	20,250	42,268	22,009	9,666								
Gold and silver, leaf and foil	1925	84	1,145	1,113	1,839	3,746	1,907	328								
	1923	64	918	934	1,897	3,562	1,865	231								
	1921	72	1,104	1,042	4,995	7,014	2,019	(1)								
	1919	87	950	934	2,655	4,481	1,806	408								

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 10, METALS AND METAL PRODUCTS, OTHER THAN IRON AND STEEL: 1919 TO 1925—Continued

[See note at head of this summary, p. 29]

INDUSTRY	Cen-sus year	Num-ber of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-facture	Horse-power	Expressed in thousands of dollars	
Metal products—Con.										
Jewelry	1925	1,468	23,837	35,177	79,886	166,816	86,930	17,296		
	1923	1,622	26,334	36,424	83,983	174,034	90,051	16,851		
	1921	1,671	23,482	29,938	58,059	127,231	69,172	(1)		
	1919	2,054	30,871	35,864	110,451	203,939	93,488	15,096		
Lamps and reflectors, not including electric bulbs.	1925	188	10,769	14,535	29,521	60,857	31,336	16,310		
	1923	185	10,604	13,443	26,674	57,229	30,555	16,716		
	1921	157	6,447	7,163	14,014	29,164	15,150	(1)		
	1919	171	8,300	9,293	18,429	38,093	19,670	12,622		
Needles, pins, hooks and eyes, and snap fasteners.	1925	48	5,850	5,556	5,926	18,174	12,248	7,803		
	1923	49	6,834	6,703	7,796	22,147	14,351	10,387		
	1921	68	6,542	5,542	6,163	18,896	12,733	(1)		
	1919	92	9,294	8,810	10,227	29,305	19,078	8,423		
Pens, gold	1925	13	226	290	559	1,115	526	121		
	1923	15	428	658	1,257	2,320	1,063	191		
	1921	12	259	376	632	1,335	703	(1)		
	1919	15	416	517	962	1,801	839	145		
Plated ware	1925	90	11,290	15,236	20,071	54,330	31,250	23,914		
	1923	83	12,118	15,641	19,814	53,899	31,035	22,390		
	1921	66	9,535	10,664	12,409	38,944	21,535	(1)		
	1919	68	9,492	10,913	17,766	41,635	23,869	14,212		
Silversmithing and silverware.	1925	93	5,587	8,007	13,106	32,532	19,428	7,770		
	1923	98	4,972	7,330	10,856	27,207	16,345	7,284		
	1921	103	5,237	7,151	8,965	24,411	15,416	(1)		
	1919	99	6,453	7,359	13,081	29,125	16,085	6,848		
Stamped and enameled ware, not elsewhere classified. ⁴	1925	370	29,704	36,107	77,487	154,066	76,609	64,346		
	1923	329	35,237	42,636	94,519	170,323	84,403	65,316		
	1921	324	24,192	26,862	45,233	100,556	52,352	(1)		
	1919	323	34,248	31,851	65,457	143,654	78,197	51,283		
Tin and other foils, not including gold and silver; collapsible tubes.	1925	26	3,619	4,001	21,342	30,060	8,718	18,712		
	1923	24	3,323	3,522	14,515	23,485	8,950	12,595		
	1921	22	2,178	2,557	9,285	14,037	4,772	(1)		
	1919	15	1,908	1,759	13,008	17,921	4,913	6,691		
Watch and clock materials and parts, except watch-cases.	1925	25	501	480	376	1,363	987	219		
	1923	25	396	380	379	1,289	910	170		
	1921	23	390	375	357	1,056	729	(1)		
	1919	27	582	413	549	1,342	793	252		
Watchcases	1925	45	3,480	4,462	6,050	14,783	8,743	4,106		
	1923	57	4,325	5,414	7,499	17,817	10,318	5,710		
	1921	37	3,698	4,217	5,625	13,806	8,181	(1)		
	1919	33	3,900	4,001	8,206	19,619	11,413	4,275		
Watches and watch movements.	1925	13	13,915	16,557	6,178	36,254	30,076	12,348		
	1923	17	11,571	13,870	8,836	30,630	21,794	7,398		
	1921	17	12,174	13,602	5,161	24,397	19,236	(1)		
	1919	18	15,888	16,599	6,393	32,044	25,651	7,202		
Electroplating	1925	449	3,337	5,254	2,541	12,441	9,900	10,743		
	1923	446	3,374	5,195	2,613	12,297	9,684	9,505		
	1921	392	2,460	3,563	1,960	8,041	6,681	(1)		
	1919	515	3,024	3,784	2,639	10,390	7,751	6,788		

¹Not called for on schedule.²Includes data for bells, shown as a separate industry under "Metal products" in previous reports.³None reported for 1925.⁴Abandoned as a separate industry classification; statistics for 1925 included with those for "Brass, bronze, and other nonferrous alloys, and manufactures of these alloys and of copper, not specifically classified."⁵Figures for 1925 not strictly comparable with those for 1923 because of the classification of the reports of several establishments in other industries.

CENSUS OF MANUFACTURES: 1925

SUMMARY FOR GROUP 11, TOBACCO MANUFACTURES: 1919 TO 1925

Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Total	1925	2,623	132,132	111,558	425,769	1,091,001	665,232	42,075		
	1923	3,672	146,337	120,462	515,815	1,044,192	523,327	43,515		
	1921	4,372	149,985	120,903	608,639	1,048,490	430,801	(1)		
	1919	10,291	157,097	123,958	483,567	1,012,933	520,366	43,390		
Tobacco: Chewing and smoking, and snuff.	1925	178	15,024	12,185	94,418	216,186	121,768	17,541		
	1923	200	16,301	12,739	146,374	222,966	76,592	18,621		
	1921	226	16,628	12,742	156,477	241,741	85,261	(1)		
	1919	365	18,324	12,675	130,270	239,271	109,001			
Tobacco: Cigars and cigarettes.	1925	2,445	117,108	99,373	331,331	874,815	543,464	24,534		
	1923	3,406	130,030	107,723	300,491	821,226	451,735	24,804		
	1921	4,116	133,337	108,161	482,212	800,749	354,537	(1)		
	1919	9,926	138,773	111,313	333,297	773,662	420,365	24,497		

¹ Not called for on schedule.

SUMMARY FOR GROUP 12, MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Total	1925	11,807	858,843	1,225,359	1,985,367	5,020,231	3,034,914	2,714,377		
	1923	12,147	907,707	1,253,743	1,891,524	4,727,818	2,836,294	2,300,443		
	1921	12,395	862,277	832,781	1,361,163	3,235,075	1,873,912	(1)		
	1919	14,821	998,484	1,210,451	1,973,455	4,768,671	2,795,216	2,080,325		
Agricultural implements	1925	363	28,206	27,288	73,550	169,192	95,618	115,225		
	1923	312	30,962	40,511	63,492	151,288	87,794	121,975		
	1921	353	30,359	39,835	87,287	163,817	76,550	(1)		
	1919	521	54,368	65,703	144,572	304,901	160,389	128,249		
Cash registers and calculating machines.	1925	41	13,296	21,142	11,166	98,384	87,218	14,010		
	1923	37	14,971	22,775	12,483	95,106	82,623	20,872		
	1921	49	9,786	13,243	9,573	53,653	44,050	(1)		
	1919	65	16,544	22,587	10,590	83,589	72,649	14,645		
Electrical machinery, apparatus, and supplies.	1925	1,739	239,921	323,834	636,692	1,540,002	903,310	589,398		
	1923	1,671	234,892	303,455	548,627	1,293,002	744,375	480,268		
	1921	1,333	161,204	194,242	344,070	833,985	489,915	(1)		
	1919	1,404	212,374	238,189	425,098	997,968	572,870	438,082		
Engines and water wheels.	1925	220	51,099	73,585	145,784	313,588	167,804	234,194		
	1923	249	48,495	70,875	124,543	266,***	142,455	165,***		
	1921	286	55,567	52,005	111,693	199,499	87,801	(1)		
	1919	370	77,017	105,436	217,551	464,775	247,224	190,005		
Foundry and machine-shop products, not elsewhere classified.	1925	8,154	307,838	590,801	883,708	2,232,961	1,349,278	1,424,259		
	1923	8,531	448,777	642,431	930,231	2,337,073	1,400,842	1,234,328		
	1921	9,013	321,363	412,359	633,364	1,565,527	912,163	(1)		
	1919	10,934	482,767	622,571	948,069	2,289,251	1,341,212	1,040,265		
Gas machines and gas and water meters.	1925	61	5,514	7,429	13,038	34,202	21,254	7,375		
	1923	61	6,127	7,737	14,332	34,250	19,918	7,364		
	1921	65	4,280	5,212	9,000	21,956	12,956	(1)		
	1919	105	5,589	5,996	10,647	26,287	15,620	8,586		
Metal-working machinery (including machine tools).	1925	378	36,525	55,972	54,624	175,592	121,068	147,418		
	1923	350	33,373	47,337	40,977	137,206	96,229	109,196		
	1921	348	21,307	25,252	23,978	67,729	43,751	(1)		
	1919	403	53,111	66,170	59,034	212,400	153,366	100,294		
Pumps (hand and power) and pumping equipment.	1925	253	17,935	25,278	50,328	120,148	69,820	56,470		
	1923	229	14,550	19,991	34,445	92,930	58,465	38,286		
	1921	221	12,186	13,999	26,804	69,962	43,158	(1)		
	1919	239	16,072	19,732	36,069	85,401	49,332	32,441		

See footnotes at end of table.

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SUMMARY FOR GROUP 12, MACHINERY NOT INCLUDING TRANSPORTATION EQUIPMENT: 1919 TO 1925—Continued

[See note at head of this summary, p. 32]

INDUSTRY	Cen-sus year	Number of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-facture	Horse-power	Expressed in thousands of dollars	
Scales and balances-----	1925	71	4,292	5,783	7,349	27,237	19,888	9,771		
	1923	65	4,245	5,500	6,595	24,157	17,562	9,015		
	1921	65	3,720	4,428	4,716	15,885	11,169	(1)		
	1919	79	5,432	6,534	6,994	20,641	13,047	7,441		
Sowing machines, cases, and attachments-----	1925	41	12,121	16,100	18,610	46,299	27,689	27,439		
	1923	40	13,435	17,005	17,763	45,967	28,204	22,511		
	1921	36	12,569	12,528	14,937	35,608	20,071	(1)		
	1919	45	19,230	24,494	24,402	57,938	33,536	32,017		
Textile machinery and parts-----	1925	379	27,869	37,404	39,037	121,653	82,616	61,738		
	1923	428	35,672	46,023	49,705	140,061	90,956	56,295		
	1921	421	31,025	38,831	44,904	128,655	84,031	(1)		
	1919	432	31,823	36,529	45,636	122,059	76,453	41,744		
Typewriters and supplies-----	1925	70	14,969	18,803	15,157	63,069	47,923	15,568		
	1923	73	14,963	18,210	18,977	52,498	38,521	11,451		
	1921	75	13,381	14,308	10,770	41,790	31,020	(1)		
	1919	88	15,039	17,009	16,144	52,738	36,594	13,054		
Washing machines, clothes wringers, driers, and ironing machines, for domestic use-----	1925	82	7,077	9,990	32,748	69,568	36,820	18,028		
	1923	85	6,144	7,839	25,742	50,377	24,631	11,415		
	1921	96	4,147	4,903	16,622	30,199	13,577	(1)		
	1919	105	5,956	6,431	23,389	40,771	17,382	8,816		
Windmills and windmill towers-----	1925	15	1,391	1,830	3,376	7,984	4,008	3,378		
	1923	16	1,101	1,431	2,592	6,311	3,719	2,732		
	1921	24	1,383	1,551	3,460	6,530	3,070	(1)		
	1919	31	1,032	2,145	4,900	9,632	4,972	4,686		

¹ Not called for on schedule.² Figures for 1923 not strictly comparable with those for 1925 because of changes in classification.

SUMMARY FOR GROUP 13, MUSICAL INSTRUMENTS AND PHONOGRAFS: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Number of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-facture	Horse-power	Expressed in thousands of dollars	
Total-----	1925	401	46,980	62,502	98,761	231,657	132,926	97,318		
	1923	535	58,329	75,396	123,600	282,531	158,931	90,220		
	1921	600	45,113	54,494	94,988	212,859	118,001	(1)		
	1919	778	63,741	75,868	137,480	320,405	183,445	91,040		
Musical instruments: Organs and orchestrions-----	1925	57	2,460	3,810	3,749	12,253	8,534	3,953		
	1923	59	1,855	2,662	2,803	9,603	6,800	2,902		
	1921	56	2,340	3,243	3,731	10,185	6,454	(1)		
	1919	68	1,941	1,978	2,217	5,973	3,756	3,245		
Musical instruments: Pianos-----	1925	142	20,079	28,096	49,296	101,181	51,885	26,912		
	1923	160	22,208	30,679	54,179	111,160	56,981	26,859		
	1921	185	15,836	18,887	38,632	73,640	34,988	(1)		
	1919	191	22,957	25,474	54,305	107,088	52,723	28,997		
Musical instruments: Piano and organ materials-----	1925	94	8,618	10,131	15,294	36,836	21,542	15,734		
	1923	99	9,672	12,243	17,019	38,838	21,819	15,478		
	1921	59	5,569	5,970	8,222	18,597	10,375	(1)		
	1919	113	11,009	10,467	16,698	36,790	20,697	15,716		
Musical instruments and materials, not elsewhere classified-----	1925	100	4,556	6,520	5,575	20,330	14,755	4,907		
	1923	106	4,103	5,842	4,349	15,619	11,270	3,830		
	1921	116	3,424	4,520	3,325	12,354	9,029	(1)		
	1919	240	4,113	3,985	4,445	12,506	8,061	3,219		
Phonographs-----	1925	68	11,267	14,145	25,847	61,057	36,210	45,782		
	1923	111	20,491	24,870	45,250	107,311	62,061	41,160		
	1921	154	17,938	21,774	41,058	68,213	57,155	(1)		
	1919	165	28,721	33,963	58,740	158,548	98,808	40,163		

¹ Not called for on schedule.

SUMMARY FOR GROUP 14, TRANSPORTATION EQUIPMENT, AIR, LAND, AND WATER:
1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-	Num-	Wage	Wages	Cost of	Value of	Value	Horse-
		estab-	number					
Total	1925	2,778	550,578	908,488	3,289,101	5,451,753	2,062,652	1,888,961
	1923	3,573	(96,323)	963,430	3,394,505	3,333,480	1,918,975	1,624,463
	1921	4,273	405,773	591,333	1,803,011	3,018,155	1,215,144	(1)
	1919	6,765	858,582	1,250,015	3,200,003	5,127,215	2,428,662	1,433,804
Aircraft and parts	1925	44	2,701	4,222	2,870	12,525	9,655	3,735
	1923	33	2,901	4,522	3,880	12,945	9,115	5,443
	1921	21	1,395	2,202	2,407	6,612	4,235	(1)
	1919	31	3,543	4,307	7,127	14,373	7,246	12,512
Carriage, wagon, sleigh, and sled materials	1925	81	1,389	2,116	2,659	5,118	2,459	8,689
	1923	109	1,953	1,591	4,004	7,313	3,309	10,647
	1921	141	2,747	2,555	6,135	10,787	4,052	(1)
	1919	258	6,500	5,067	14,735	26,765	12,030	23,072
Carriages and sleds, children's	1923	86	6,926	7,924	13,553	30,173	16,620	9,853
	1923	100	8,324	8,356	15,936	34,173	18,237	9,376
	1921	89	5,400	5,578	9,517	21,717	12,200	(1)
	1919	103	6,656	6,229	11,700	21,507	12,807	8,071
Carriages, wagons, sleighs, and sleds. ²	1925	152	4,833	5,792	12,860	24,955	12,075	20,449
	1923	306	8,100	9,310	18,683	37,373	18,690	26,509
	1921	837	8,025	9,938	16,834	33,114	16,230	(1)
	1919	2,297	18,164	19,604	49,333	93,143	43,810	41,081
Cars, steam and electric railroad, not built in railroad repair shops	1925	141	50,393	77,247	266,053	390,771	124,718	243,934
	1923	139	80,500	129,178	413,660	604,351	196,091	220,102
	1921	118	48,033	70,945	211,938	340,536	128,598	(1)
	1919	166	55,218	82,417	368,144	556,665	188,521	167,180
Locomotives, not made in railroad repair shops	1925	18	12,809	18,219	41,717	65,380	23,672	114,209
	1923	19	30,672	51,567	124,281	215,393	91,132	91,214
	1921	22	16,583	20,473	55,412	102,023	46,611	(1)
	1919	17	28,715	38,799	72,376	156,270	83,894	96,504
Motor-vehicle bodies and motor-vehicle parts	1925	1,358	228,382	372,721	862,721	1,523,279	660,558	662,255
	1923	2,120	163,530	233,147	564,107	1,013,113	449,006	425,083
	1921	1,074	64,119	96,779	213,963	463,017	194,082	(1)
	1919	2,515	132,556	178,556	362,027	692,171	330,144	286,770
Motor vehicles, not including motor cycles	1925	297	197,728	341,210	2,108,182	3,198,123	1,059,931	509,758
	1923	351	241,356	400,780	2,147,463	3,163,328	1,015,865	435,545
	1921	385	143,678	221,974	1,107,062	1,671,387	564,325	(1)
	1919	315	210,559	312,106	1,578,652	2,387,603	809,251	282,323
Motor cycles, bicycles, and parts	1925	36	4,193	5,662	12,177	24,258	12,081	12,609
	1923	30	6,576	8,010	18,003	32,259	14,256	14,840
	1921	46	4,308	4,981	10,323	23,098	12,775	(1)
	1919	51	10,886	12,703	25,986	53,106	27,120	14,420
Ship and boat building, steel and wooden, including repair work	1925	565	50,224	74,275	66,299	177,182	110,883	303,470
	1923	67	82,287	90,719	84,583	213,232	128,674	317,712
	1921	640	106,445	155,943	189,368	400,834	231,466	(1)
	1919	1,075	387,446	597,447	710,523	1,622,362	911,839	553,271

¹ Not called for on schedule.² Repairing included for 1921 and 1919 but not for 1925 and 1923. The differences between the figures for this industry for 1923, 1921, and 1919, as given here and as published in previous reports, are due to the inclusion here and the exclusion from the previous reports of data for the manufacture of wheelbarrows, formerly classified as a separate industry.

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SUMMARY FOR GROUP 15, RAILROAD REPAIR SHOPS: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years]

INDUSTRY	Cen-sus year	Num-ber of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power
Expressed in thousands of dollars								
Total	1925	2,363	457,755	668,192	563,646	1,332,679	760,033	942,248
	1923	2,348	523,430	772,998	631,359	1,520,693	885,734	1,798,005
	1921	2,325	418,245	671,956	509,571	1,267,342	700,771	(2)
	1919	2,308	515,709	726,691	547,829	1,354,446	806,617	644,875
Car and general construction and repairs, electric-railroad repair shops.	1925	521	32,521	48,358	29,738	83,812	54,074	70,478
	1923	547	34,925	49,226	31,952	86,413	54,431	62,370
	1921	530	33,279	47,775	33,500	87,312	53,752	(2)
	1919	624	31,272	39,073	32,026	73,211	45,185	53,805
Car and general construction and repairs, steam-railroad repair shops.	1925	1,842	425,234	619,534	533,908	1,248,867	714,959	871,769
	1923	1,801	488,565	728,732	599,377	1,433,680	884,303	785,635
	1921	1,766	385,006	624,181	473,011	1,180,030	707,019	(2)
	1919	1,744	484,437	687,618	515,803	1,270,235	763,432	591,070

¹ Revised.² Not called for on schedule.

SUMMARY FOR GROUP 16, MISCELLANEOUS INDUSTRIES: 1919 TO 1925

[Data for establishments reporting products valued at less than \$5,000 are included in the figures for 1919 but not in those for subsequent years. See headnote to summary for Group 1, p. 22]

INDUSTRY	Cen-sus year	Num-ber of estab-lishments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power
Expressed in thousands of dollars								
Total	1925	11,234	262,079	336,985	833,630	1,815,570	981,940	604,826
	1923	11,310	271,691	333,678	794,367	1,684,415	890,048	577,660
	1921	10,552	223,448	287,520	614,470	1,294,935	655,525	(1)
	1919	14,223	290,585	312,032	841,918	1,663,551	821,633	622,900
Artificial and preserved flowers and plants.	1925	187	4,305	4,287	7,285	17,824	10,559	737
	1923	223	4,696	4,502	8,692	19,650	10,955	847
	1921	201	3,883	3,821	5,850	14,188	8,338	(1)
	1919	224	4,128	3,741	7,005	16,143	9,188	468
Artificial limbs	1925	123	562	794	627	3,021	2,394	955
	1923	105	493	711	613	2,635	2,022	692
	1921	105	500	725	619	2,451	1,832	(1)
	1919	177	671	794	774	3,271	2,497	857
Artists' materials	1925	62	1,317	1,568	8,802	8,321	4,519	2,982
	1923	61	1,411	1,747	4,355	8,639	4,254	4,002
	1921	55	1,008	1,199	3,099	6,960	2,970	(1)
	1919	58	926	896	2,687	5,508	2,821	3,206
Brooms	1925	421	4,725	4,654	11,213	21,714	10,501	5,399
	1923	444	4,730	4,492	14,934	26,262	11,328	4,900
	1921	459	4,302	3,872	10,417	18,188	7,771	(1)
	1919	1,034	6,313	5,700	17,305	30,205	12,940	6,037
Brushes, other than rubber	1925	302	7,830	8,452	22,021	45,824	23,803	11,220
	1923	306	8,719	9,268	25,570	50,512	24,942	10,270
	1921	277	6,460	6,415	18,665	35,545	16,880	(1)
	1919	379	7,968	7,113	19,598	34,006	19,408	7,307
Buttons	1925	289	11,513	10,863	12,373	32,458	20,085	15,840
	1923	336	11,800	11,220	13,200	32,750	19,550	15,334
	1921	346	9,686	8,512	10,406	26,534	16,128	(1)
	1919	557	15,577	13,773	16,745	41,840	25,095	15,706
Combs and hairpins, not made from metal or rubber	1925	44	1,300	1,293	2,334	5,270	2,936	1,892
	1923	42	2,144	2,267	4,583	8,770	4,187	1,919
	1921	38	1,321	1,277	2,172	4,580	2,408	(1)
	1919	45	2,229	1,806	3,169	6,566	3,397	1,588

See footnotes at end of table.

SUMMARY FOR GROUP 16, MISCELLANEOUS INDUSTRIES: 1919 TO 1925—Con.

[See note at head of this summary, p. 35]

INDUSTRY	Cen-	Num-	Wage	Cost of	Value of	Value	Horse-	
			earners	Wages	material	products	added by	power
		estab-	(average	..				
Expressed in thousands of dollars								
Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.	1925	180	4,844	5,864	15,421	37,263	21,842	14,719
	1923	192	5,733	6,643	17,587	39,463	21,876	14,308
	1921	180	3,641	4,414	13,055	27,644	14,559	(1)
	1919	244	6,437	7,078	18,527	37,397	18,870	11,756
Dental goods	1925	326	5,303	6,132	21,124	38,789	17,645	4,366
	1923	283	4,608	5,081	17,160	32,423	15,263	3,731
	1921	264	4,137	4,343	13,498	25,812	12,313	(1)
	1919	319	5,224	4,464	16,420	29,402	12,982	2,708
Enameling and japanning	1925	95	1,550	2,170	2,250	6,896	4,646	3,775
	1923	83	1,315	1,713	1,822	5,443	3,626	2,727
	1921	64	815	1,018	1,060	2,520	1,460	(1)
	1919	110	983	1,051	1,172	3,416	2,244	1,484
Fancy and miscellaneous articles, not elsewhere classified.	1925	532	14,552	14,960	29,155	69,769	40,614	9,071
	1923	542	13,522	13,713	28,531	63,208	34,677	8,098
	1921	509	11,534	11,058	24,384	51,406	27,022	(1)
	1919	661	13,961	12,208	32,591	64,054	31,463	8,657
Feathers, plumes, and manufactures thereof.	1925	70	858	976	1,881	4,179	2,298	334
	1923	131	7,712	1,963	3,400	7,867	4,467	410
	1921	135	2,094	2,145	4,293	8,887	4,559	(1)
	1919	216	3,504	3,406	6,695	15,378	8,683	502
F- undry supplies	1925	66	1,037	1,360	6,904	12,728	5,819	10,733
	1923	64	996	1,162	4,823	10,248	5,696	7,736
	1921	50	387	678	2,775	4,986	2,191	(1)
	1919	76	996	1,032	5,667	9,955	4,288	6,327
Fuel, manufactured	1925	14	216	369	3,935	6,019	2,084	6,573
	1923	15	361	511	3,907	5,584	1,677	7,623
	1921	14	371	484	2,280	3,178	898	(1)
	1919	11	171	222	1,386	1,974	588	5,180
Fur goods	1925	2,000	18,556	35,164	159,316	254,266	94,950	4,955
	1923	1,758	14,459	27,023	126,162	198,043	71,881	4,299
	1921	1,707	12,632	22,421	84,537	139,366	54,829	(1)
	1919	1,515	13,639	24,149	105,597	173,138	67,341	5,327
Furs, dressed	1925	133	5,055	8,206	7,297	25,423	18,126	9,358
	1923	162	5,223	8,381	7,242	25,467	18,226	7,776
	1921	126	4,429	6,750	6,071	19,157	13,058	(1)
	1919	141	5,075	7,098	6,320	20,385	14,046	5,421
Hair work	1925	85	864	975	3,046	6,090	3,044	13
	1923	113	1,317	1,352	5,568	11,264	5,696	17
	1921	128	1,222	1,256	6,734	10,952	4,218	(1)
	1919	198	1,081	1,065	3,829	6,963	3,134	119
Hand stamps and stencils and brands.	1925	323	2,930	4,015	4,070	15,321	11,251	3,658
	1923	255	2,312	3,035	3,103	11,131	8,028	2,571
	1921	234	2,018	2,657	2,785	9,079	6,294	(1)
	1919	352	2,136	2,262	3,148	9,337	6,189	1,348
Hats, straw	1925	83	5,920	5,823	15,178	28,154	12,976	3,541
	1923	97	6,812	5,523	16,341	32,569	16,228	3,673
	1921	110	5,924	6,415	14,580	28,617	14,057	(1)
	1919	148	7,302	6,605	16,910	32,157	15,277	3,382
Instruments, professional and scientific.	1925	233	12,129	16,166	20,428	76,339	55,911	17,595
	1923	238	12,275	15,503	18,040	63,074	45,034	16,203
	1921	266	9,381	11,700	13,326	42,132	28,806	(1)
	1919	351	13,931	17,500	19,495	58,137	38,642	12,981
Ivory, shell, and bone work, not including buttons, combs, or hairpins.	1925	29	488	555	727	1,879	1,152	892
	1923	30	603	663	1,121	2,441	1,320	880
	1921	39	674	690	1,144	2,395	1,251	(1)
	1919	44	842	735	1,294	2,817	1,523	879
Jewelry and instrument cases	1925	125	2,748	2,750	3,833	10,114	6,281	2,460
	1923	111	2,977	2,904	4,417	10,506	6,089	1,862
	1921	107	2,341	2,088	2,713	7,036	4,323	(1)
	1919	142	2,734	2,148	3,506	8,126	4,620	1,075

See footnotes at end of table.

SUMMARY FOR THE UNITED STATES

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SUMMARY FOR GROUP 16, MISCELLANEOUS INDUSTRIES: 1919 TO 1925—Con.

[See note at head of this summary, p. 35]

INDUSTRY	Cen-sus year	Num-ber of es-tab-lish-ments	Wage earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Lapidary work	1925	83	580	1,285	7,273	10,123	2,850	515		
	1923	87	644	1,286	5,887	9,130	3,243	566		
	1921	64	399	738	2,840	4,345	1,505	(1)		
	1919	124	1,155	2,838	19,363	30,051	10,688	680		
Mattresses and bed springs, not elsewhere classified	1925	1,018	14,403	17,430	62,489	110,717	48,228	32,840		
	1923	1,015	14,103	16,473	61,477	107,502	46,035	30,324		
	1921	859	11,748	13,547	42,056	74,624	32,568	(1)		
	1919	1,041	12,057	12,805	49,209	83,953	34,744	23,387		
Models and patterns, not including paper patterns	1925	689	5,262	9,420	4,927	22,485	17,568	10,473		
	1923	697	5,813	9,766	11,188	30,165	18,977	12,072		
	1921	656	3,936	6,027	4,042	15,742	11,700	(1)		
	1919	928	6,949	10,318	6,396	25,300	18,904	13,750		
Motion pictures, not including projection in theaters	1925	132	5,573	13,066	33,258	93,638	60,378	29,472		
	1923	97	6,403	16,001	30,657	86,418	55,761	15,476		
	1921	127	6,253	14,740	31,190	77,397	46,207	(1)		
	1919	50	3,640	6,709	19,579	36,705	17,126	4,169		
Optical goods	1925	117	8,642	10,439	9,997	33,655	23,658	11,017		
	1923	457	12,205	14,338	19,112	54,462	36,350	13,397		
	1921	452	11,120	12,723	16,520	44,292	27,772	(1)		
	1919	506	14,723	14,388	17,785	53,718	35,933	15,849		
Paving materials, other than brick	1925	604	17,941	22,368	33,435	90,630	57,195	207,469		
	1923	627	19,442	22,109	24,842	71,456	46,614	197,290		
	1921	653	15,387	17,285	24,474	61,129	36,655	(1)		
	1919	889	16,072	17,109	16,020	45,741	29,721	191,471		
Pencils, lead	1925	25	5,636	6,031	9,169	25,051	15,882	8,209		
	1923	20	5,828	5,540	6,639	24,568	15,908	7,288		
	1921	14	5,134	5,035	7,280	21,382	14,122	(1)		
	1919	12	5,970	5,299	9,074	24,134	15,060	8,099		
Pens, fountain and stylo-graphic	1925	60	3,490	4,055	7,741	24,036	16,295	3,213		
	1923	53	3,398	3,659	7,909	20,239	12,330	2,710		
	1921	51	2,742	3,044	5,620	12,795	7,175	(1)		
	1919	56	3,207	2,981	5,811	15,997	10,180	1,492		
Photographic apparatus and materials ³	1925	118	9,154	13,300	25,779	78,654	52,875	22,666		
	1923	111	9,905	13,224	19,233	71,828	52,575	34,791		
	1921	136	10,640	13,771	22,836	70,595	47,759	(1)		
	1919	187	13,475	14,900	33,807	88,393	54,586	24,610		
Pipes (tobacco) and cigar and cigarette holders	1925	28	1,970	2,201	2,718	7,299	4,581	2,052		
	1923	30	2,402	2,720	3,828	9,705	5,877	2,354		
	1921	36	1,745	1,937	2,826	7,134	4,298	(1)		
	1919	56	2,538	2,555	3,497	11,554	8,057	2,001		
Rooing materials, not including wood, slate, burnt tile, asbestos, or metal other than metal shingles and ceilings	1925	140	8,310	12,145	78,597	123,501	44,994	34,161		
	1923	122	7,665	10,826	53,520	84,342	28,822	32,598		
	1921	136	6,908	9,213	45,013	76,193	31,180	(1)		
	1919	178	8,571	10,344	52,555	85,895	33,307	38,247		
Sandpaper, emery paper, and other abrasive paper and cloth	1925	12	1,230	1,714	7,342	15,623	8,281	4,513		
	1923	14	1,176	1,519	6,870	13,753	6,883	3,694		
	1921	12	680	868	3,502	6,402	2,570	(1)		
	1919	12	771	841	5,061	9,304	4,243	3,977		
Signs and advertising novelties	1925	759	15,128	20,764	25,853	89,669	63,811	12,550		
	1923	648	12,988	16,429	22,041	67,224	44,583	11,781		
	1921	624	10,373	12,703	18,734	53,271	34,537	(1)		
	1919	779	10,432	9,715	16,072	43,343	27,271	7,714		
Soda-water apparatus	1925	60	2,372	3,628	8,632	22,032	13,400	4,180		
	1923	66	2,659	3,779	6,712	18,169	11,457	4,238		
	1921	62	2,144	3,048	6,496	15,407	8,911	(1)		
	1919	66	2,599	3,232	6,627	15,185	8,558	4,131		
Sporting and athletic goods, not including firearms or ammunition	1925	181	8,724	10,262	17,874	42,629	24,755	11,550		
	1923	170	9,633	10,440	18,493	41,797	23,304	11,091		
	1921	152	7,063	7,401	15,401	31,811	16,410	(1)		
	1919	188	6,412	5,753	11,969	23,840	11,871	6,780		

See footnotes at end of table.

SUMMARY FOR GROUP 16, MISCELLANEOUS INDUSTRIES: 1919 TO 1925—Con.

[See note at head of this summary, p. 35]

INDUSTRY	Cen-sus year	Num-ber of estab-lish-ments	Wage-earners (average number)	Wages	Cost of materials	Value of products	Value added by manu-fac-ture	Horse-power	Expressed in thousands of dollars	
Stationery goods, not elsewhere classified.	1925	217	11,399	12,076	31,108	67,809	36,701	10,970		
	1923	225	13,314	14,628	34,714	77,689	42,975	11,539		
	1921	221	11,285	12,399	29,606	64,397	34,901	(1)		
	1919	223	11,261	9,578	28,160	58,363	30,203	8,342		
Steam and other packing, pipe and boiler covering, and gaskets, not made in textile mills.	1925	172	6,086	8,072	20,372	43,871	23,499	20,113		
	1923	142	5,064	6,432	15,849	32,991	17,142	17,671		
	1921	137	4,877	5,329	15,984	29,112	13,128	(1)		
	1919	169	6,147	7,103	22,725	40,525	17,800	26,755		
Surgical appliances	1925	180	5,888	6,043	26,187	55,264	29,077	11,572		
	1923	178	5,375	5,507	23,602	44,968	21,306	9,290		
	1921	190	4,310	4,555	14,458	32,495	18,037	(1)		
	1919	268	6,390	6,084	22,214	43,534	21,320	12,382		
Theatrical scenery and stage equipment.	1925	33	391	854	1,520	3,578	2,058	413		
	1923	17	210	430	635	1,626	991	162		
	1921	18	169	361	492	1,214	722	(1)		
	1919	17	149	238	505	1,067	562	104		
Toys (not including children's wheel goods or sleds), games, and playground equipment.	1925	363	14,162	14,312	23,398	58,317	34,919	20,744		
	1923	411	14,484	13,901	23,829	58,068	32,237	16,111		
	1921	362	9,448	8,953	14,569	33,491	20,922	(1)		
	1919	541	14,201	11,847	19,841	45,657	25,816	14,423		
Umbrellas, parasols, and canes.	1925	176	3,731	3,696	16,504	27,299	10,705	3,027		
	1923	187	3,776	3,739	18,000	28,395	10,395	2,409		
	1921	154	3,149	3,126	16,889	26,008	9,119	(1)		
	1919	198	3,368	3,140	15,633	23,309	9,676	3,357		
Whips	1925	9	103	73	132	308	178	158		
	1923	12	200	181	302	742	440	334		
	1921	14	292	240	428	1,022	594	(1)		
	1919	26	717	582	1,097	2,988	1,889	853		
Window shades and fixtures	1925	336	5,176	6,208	25,030	41,638	16,628	11,151		
	1923	305	5,957	6,826	29,521	47,640	18,119	11,450		
	1921	242	3,781	4,421	17,888	29,648	11,760	(1)		
	1919	257	4,111	3,609	18,249	29,191	10,942	8,946		
All other industries ¹	1923	5	638	1,014	13,630	15,526	1,890	1,330		
	1921	18	1,506	2,070	9,886	16,246	6,300	(1)		
	1919	95	17,004	25,086	130,717	208,801	77,384	97,766		

¹ Not called for on schedule.² The figures for 1919 do not cover the entire industry and are not, therefore, comparable with those for later years. (See footnote 4.)³ Reported as 2 industries, "Photographic apparatus" and "Photographic materials," for 1921 and 1919.⁴ Data for the development of exposed motion-picture films and the printing of projection films, included in the statistics for the "Photographic materials" industry as published in the report for 1919, are included in this report under "Motion pictures, not including projection in theaters." (See footnotes 2 and 3.)⁵ At the census for 1925 it was possible, without disclosing operations of individual establishments, to classify 2 establishments in the appropriate industries and therefore no "All other industries" items are shown for 1925. For preceding census years the distribution was as follows:

For 1923: "Pulp, from fiber other than wood," 2 establishments; "Tin plate and terneplate, not made in rolling mills," 3.

For 1921: "Butter, reworking," 3 establishments; "Oakum," 2; "Ordnance and accessories," 3; "Pulp, from fiber other than wood," 4; "Tin plate and terneplate," 4.

For 1919: "Butter, reworking," 5 establishments; "Ferro-alloys," 30; "Ordnance and accessories," 26; "Pulp, from fiber other than wood," 5; "Straw goods, not elsewhere classified," 1; "Tin plate and terneplate," 24; "Whalebone cutting," 1; "Wood carpet," 3.

SUMMARY FOR THE UNITED STATES

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RELATIVE IMPORTANCE OF LEADING INDUSTRIES, FOR THE UNITED STATES: 1925

INDUSTRY	Number of establish- ments	WAGE EARNERS		COST OF MATERIALS		VALUE OF PRODUCTS		VALUE ADDED- BY MANU- FACTURE	
		Average number	Rank	Amount (expressed in thou- sands)	Rank	Amount (expressed in thou- sands)	Rank	Amount (expressed in thou- sands)	Rank
				Dollars		Dollars		Dollars	
All industries.....	187,390	8,384,261		35,935,648		62,713,714		26,778,066	
Industries with products valued at \$1,000,000,000 or over									
Motor vehicles, not including motor cycles.....	297	197,723	10	2,108,192	2	3,198,123	1	1,089,981	4
Slaughtering and meat packing, wholesale.....	1,209	120,422	18	2,625,192	1	3,050,288	2	425,004	17
Iron and steel: Steel works and rolling mills.....	473	370,726	5	1,811,961	4	2,946,068	3	1,134,107	3
Petroleum refining.....	359	65,324	28	1,889,678	3	2,376,657	4	486,979	14
Printing and publishing.....	21,056	251,272	6	610,058	14	2,269,638	5	1,659,579	1
Foundry and machine-shop products, not elsewhere classified.....	8,154	397,823	4	883,708	7	2,232,940	6	1,349,278	2
Cotton goods.....	1,306	445,184	2	1,077,153	0	1,714,368	7	637,215	9
Electrical machinery, apparatus, and supplies.....	1,739	239,921	7	636,692	12	1,546,002	8	903,310	5
Motor-vehicle bodies and motor-vehicle parts.....	1,358	228,382	8	862,721	5	1,523,250	9	660,559	8
Lumber and timber products, not elsewhere classified.....	9,207	473,905	1	579,475	16	1,421,162	10	841,687	6
Flour, feed, and other grain-mill products.....	4,413	31,958	52	1,125,379	5	1,298,015	11	172,636	36
Clothing, women's, not elsewhere classified.....	6,127	126,406	16	724,299	10	1,293,705	12	569,400	11
Bread and other bakery products.....	17,684	160,411	14	668,017	11	1,268,195	13	600,178	10
Car and general construction and repairs, steam-railroad repair shops.....	1,842	425,234	3	533,908	21	1,248,887	14	714,959	7
Clothing, men's, not elsewhere classified.....	4,000	174,332	13	557,471	19	1,087,238	15	520,767	13
Industries with products valued at \$500,000,000 to \$1,000,000,000									
Butter, cheese, and condensed and evaporated milk.....	6,830	28,274	60	847,006	9	973,518	16	126,443	10
Paper and wood pulp.....	763	123,812	17	605,820	15	971,852	17	364,022	15
Boots and shoes, other than rubber.....	1,450	200,992	9	481,632	23	925,333	18	443,751	16
Rubber tires and inner tubes.....	126	51,640	24	559,910	18	925,002	19	365,062	19
Tobacco: Cigars and cigarettes.....	2,445	117,108	19	331,351	31	874,815	20	543,461	12
Furniture.....	3,235	180,895	12	334,308	29	818,146	21	483,635	15
Knit goods.....	1,987	186,665	11	453,926	25	809,969	22	350,034	20
Silk manufactures.....	1,659	132,509	15	484,123	22	808,979	23	324,850	21
Iron and steel: Blast furnaces.....	122	29,183	57	617,417	13	765,286	24	147,869	42
Lumber: Planing-mill products, not made in planing mills connected with sawmills.....	4,761	111,829	20	408,227	26	710,561	25	307,634	22
Smelting and refining, copper.....	26	15,588	88	573,190	17	635,177	26	91,887	63
Food preparations, not elsewhere classified.....	1,412	28,797	53	460,192	24	610,937	27	180,045	33
Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.....	2,403	85,866	23	385,573	28	615,071	28	230,498	26
Sugar refining, cane.....	21	14,502	69	549,896	20	606,613	29	56,737	89
Worsted goods.....	320	98,168	22	400,784	27	596,266	30	195,482	27
Chemicals, not elsewhere classified.....	715	55,694	32	271,646	35	547,003	31	275,357	24
Brass, bronze, and other nonferrous alloys, and manufactures of these alloys and of copper, not specifically classified.....	1,044	62,942	30	337,641	30	519,725	32	182,084	32
Industries with products valued at \$100,000,000 to \$500,000,000									
Paints and varnishes.....	923	25,490	63	293,943	33	470,746	33	176,793	34
Leather: Tanned, curried, and finished.....	532	53,043	34	306,634	32	462,614	34	155,380	40
Gas, manufactured, illuminating and heating.....	919	46,998	41	178,423	44	455,968	35	277,037	23
Dyeing and finishing textiles.....	697	70,749	25	244,700	38	432,547	36	187,837	28
Structural and ornamental iron-work, not made in rolling mills.....	1,136	48,341	40	237,653	40	420,926	37	183,345	30

RELATIVE IMPORTANCE OF LEADING INDUSTRIES, FOR THE UNITED STATES:
1925—Continued

INDUSTRY	Number of establish- ments	WAGE EARNERS		COST OF MATERIALS		VALUE OF PRODUCTS		VALUE ADDED BY MANU- FACTURE	
		Average number	Rank	Amount (expressed in thou- sands)	Rank	Amount (expressed in thou- sands)	Rank	Amount (expressed in thou- sands)	Rank
Industries with products valued at \$100,000,000 to \$300,000,000—Con.									
Cars, electric and steam railroad, not built in railroad repair shops.....	141	50,393	37	256,054	36	310,771	38	124,717	51
Confectionery.....	1,031	53,600	29	205,433	42	379,081	39	173,648	35
Coke, not including gas-house coke.....	237	23,191	69	277,751	34	378,634	40	100,883	56
Woolen goods.....	503	67,056	27	219,618	41	361,521	41	141,908	46
Clay products (other than pottery) and nonclay refractories.....	1,039	102,777	21	100,013	60	333,730	42	233,717	25
Engines and water wheels.....	220	51,089	36	145,784	50	313,558	43	167,804	37
Machinery and like goods, not elsewhere classified.....	2,443	53,603	33	153,386	47	309,856	44	156,470	39
Cement.....	145	38,437	43	114,109	57	300,895	45	186,729	29
Glass.....	310	69,371	26	113,652	58	295,959	46	182,307	31
Oil, cake, and meal, cottonseed.....	533	16,215	86	244,315	39	295,055	47	51,370	50
Ice cream.....	2,730	23,013	70	140,864	51	236,176	48	115,272	44
Smelting and refining, lead.....	17	6,115	164	254,881	37	233,043	49	28,102	137
Boxes, paper and other, not elsewhere classified.....	1,229	57,148	31	151,712	48	281,911	50	130,232	48
Soap.....	272	15,406	89	154,874	43	278,273	51	98,399	62
Tin cans and other tinware, not elsewhere classified.....	221	29,901	53	175,779	45	260,380	52	84,581	68
Fur goods.....	2,000	16,555	84	150,316	40	254,246	53	94,950	60
Patent medicines and compounds.....	1,279	14,802	95	84,790	69	247,564	54	162,774	38
Beverages.....	4,210	27,384	62	98,496	61	237,701	55	139,295	47
Steam fittings and steam and hot-water heating apparatus.....	225	43,260	42	77,357	76	228,930	56	151,573	41
Shirts.....	840	49,804	39	129,754	53	225,953	57	96,209	57
Hardware, not elsewhere classified.....	476	52,349	55	77,503	74	225,053	58	147,560	43
Tobacco: Chewing and smoking, and snuff.....	178	15,024	93	94,419	62	216,186	59	121,767	52
Rubber goods, not elsewhere classified.....	349	34,482	43	118,335	56	214,478	60	96,143	58
Fertilizers.....	587	19,844	76	137,808	52	206,773	61	68,965	78
Marble, slate, and stone work.....	2,356	36,575	45	66,976	83	193,047	62	126,071	50
Carpets and rugs, wool, other than rug.....	69	33,886	49	104,196	59	188,903	63	84,707	67
Ice, manufactured.....	3,077	24,915	67	44,725	103	186,969	64	142,344	46
Wire, drawn from purchased bars or rods.....	68	18,544	79	127,251	54	184,463	65	57,212	87
Ship and boat building, steel and wooden, including repair work.....	505	50,224	38	66,290	86	177,182	66	110,883	54
Metal-working machinery (including machine tools).....	378	36,825	44	54,524	93	175,592	67	121,008	53
Bags, other than paper, not made in textile mills.....	162	11,404	115	150,102	49	175,082	68	24,980	143
Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.....	2,107	24,996	66	84,080	70	175,043	69	90,963	64
Agricultural implements.....	303	28,694	59	73,850	77	169,468	70	95,618	59
Plumbers' supplies, not including pipe or marble, slate, and porcelain sanitary ware.....	239	33,250	59	63,610	88	167,878	71	104,208	55
Jewelry.....	1,468	23,837	68	79,886	72	166,816	72	86,930	66
Stamped and enameled ware, not elsewhere classified.....	370	29,704	54	77,487	75	154,096	73	76,609	73
Boxes, wooden, except cigar boxes.....	824	34,834	47	86,391	66	152,265	74	65,904	81
Stoves (other than gas, oil, or electric) and warm-air furnaces.....	322	29,370	56	47,249	90	140,805	75	93,556	61
Oil, cake, and meal, linseed.....	33	2,652	227	121,762	55	140,514	76	18,752	173
Forgings, iron and steel, not made in steel works or rolling mills.....	218	20,290	74	68,081	82	134,511	77	66,430	80
Corn syrup, corn oil, and starch.....	30	6,442	150	93,064	63	132,893	78	30,834	112
Sugar, beet.....	89	8,872	133	87,038	65	132,339	79	45,301	106
Perfumery, cosmetics, and toilet preparations.....	594	8,714	136	46,933	101	129,510	80	82,577	70
Aluminum manufactures.....	127	14,353	101	84,085	68	127,531	81	42,846	108
Paper goods, not elsewhere classified.....	310	13,386	105	70,700	79	124,217	82	53,517	93
Roofing materials, not including wood, slate, burnt tile, asbestos, or metal other than metal shingles and ceilings.....	140	8,310	142	78,507	73	123,591	83	41,994	107

SUMMARY FOR THE UNITED STATES

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RELATIVE IMPORTANCE OF LEADING INDUSTRIES, FOR THE UNITED STATES:
1925—Continued

INDUSTRY	Number of establishments	WAGE EARNERS		COST OF MATERIALS		VALUE OF PRODUCTS		VALUE ADDED BY MANUFACTURE	
		Average number	Rank	Amount (expressed in thousands)	Rank	Amount (expressed in thousands)	Rank	Amount (expressed in thousands)	Rank
Industries with products valued at \$100,000,000 to \$500,000,000—Con.									
Stoves and appliances, gas and oil.....	241	17,138	82	Dollars 48,623	98	Dollars 123,498	84	Dollars 74,875	75
Textile machinery and parts.....	379	27,809	61	39,037	111	121,653	85	82,616	69
Tools, not including edge tools, machine tools, files, or saws.....	663	25,340	64	39,023	112	121,263	86	82,240	71
Furnishing goods, men's, not elsewhere classified.....	419	21,094	72	69,861	80	120,868	87	51,007	100
Pumps (hand and power) and pumping equipment.....	253	17,935	81	50,328	95	120,148	88	69,820	76
Smelting and refining, zinc.....	28	11,289	118	83,992	71	118,960	89	34,914	121
Oils, not elsewhere classified.....	191	3,615	211	85,202	67	117,770	90	32,574	127
Boots and shoes, rubber.....	23	24,900	65	40,566	107	115,935	91	75,365	74
Wirework, not elsewhere classified.....	462	19,238	77	59,604	91	115,429	92	55,825	91
Pottery, including porcelain ware.....	309	36,530	46	33,926	119	111,078	93	77,152	72
Mattresses and bed springs, not elsewhere classified.....	1,018	14,403	100	62,489	89	110,717	94	48,226	102
Chocolate and cocoa products, not including confectionery.....	60	7,128	150	73,522	78	106,042	95	33,120	124
Musical instruments: Pianos.....	142	20,079	75	49,296	96	101,181	96	51,855	95
Cordage and twine.....	118	15,400	90	66,848	84	100,443	97	33,600	123
Cast-iron pipe.....	77	23,033	71	48,847	97	100,388	98	51,541	96
All other industries (with products valued at less than \$100,000,000), total.....	33,191	1,144,361	—	3,468,405	—	7,203,902	—	3,735,487	—